Ankur Singh

Full-Stack Technical Lead

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Skills

Languages:	JavaScript (10yrs), TypeScript (7yrs), PHP (10yrs), SQL(10yrs), Html, Css
Frameworks & Libraries	NodeJS (v10-v20, 7yrs), ExpressJS (v3-v4, 7yrs), Angular (v4-v20, 7yrs), CodeIgniter (v3, 8yrs), Wordpress (3yrs), JQuery (9yrs), Cordova (6yrs), MySQL (9yrs), MongoDB (1yr)
Tools	NPM, Git, Jira, Unit Testing, CI/CD, Postman, FileZilla, Adobe Photoshop, Adobe Premiere Pro
Soft Skills	Excellent communication, Troubleshooting, Team Management, Decision Making

Work Experience

- **Tech Lead FullStack| Gail India (Infoneo Technologies)** *(Nov' 24 - Dec' 25)*
  - ✓ Tech Used : Node.Js, Angular, MySQL, Mongo, AWS
  - ✓ Lead the front-end team in building scalable, high-performance Angular applications, ensuring code quality and best practices.
  - ✓ Provide technical guidance, collaborate with back-end teams, and drive architectural decisions.
  - ✓ Mentor junior developers, fostering a culture of growth and continuous learning.
  - ✓ Optimize application performance and stay updated with the latest front-end technologies.
- **Game Development Expert | Ingenuity Gaming** *(Oct' 22 - Oct' 23)*
  - ✓ Tech Used : Node.Js, Angular, MySQL, Mongo, AWS
  - ✓ Developed and implemented interactive JavaScript-based games and applications, showcasing strong problem-solving skills and attention to detail.
  - ✓ Collaborated with cross-functional teams to design and optimize user experiences, resulting in enhanced engagement and positive feedback.
  - ✓ Utilized innovative coding techniques to create visually appealing and intuitive interfaces, contributing to increased user satisfaction and retention.
  - ✓ Streamlined processes and improved efficiency through continuous testing and debugging, ensuring seamless functionality and minimizing errors.
- **Senior Software Developer | G-Cube Pvt. Ltd.** *(Oct' 19 - Oct' 22)*
  - ✓ Tech Used : PHP, Node.Js, Angular, MySQL, Mongo, AWS
  - ✓ Developed and maintained a cutting-edge framework for SCORM Course, resulting in improved efficiency and enhanced user experience.
  - ✓ Created and managed the company's internal online applications, ensuring seamless functionality and user-friendly interface.
  - ✓ Implemented regular updates and bug fixes to optimize performance and reliability of the framework and online applications.
  - ✓ Collaborated with cross-functional teams to gather requirements and develop customized solutions for specific business needs.
  - ✓ Conducted thorough testing and quality assurance procedures to ensure the highest level of performance and usability.
- **Senior Software Developer | AAA Online Services** *(Aug' 16 - Oct' 19)*
  - ✓ Tech Used : PHP, Node.Js, Angular, MySQL, AWS
  - ✓ Generated Project Requirement Document (SRS) and structured Software Architecture.
  - ✓ Coordinated with the development team, contributing to seamless execution.
  - ✓ Designed and developed impactful end-to-end websites for diverse clients utilizing PHP frameworks like WordPress and Codeigniter 3.
- **Software Developer | Big Indian Wedding Pvt. Ltd.** *(Aug'15 - Jul'16)*
  - ✓ Tech Used : PHP, MySQL, Linux
  - ✓ Designed and developed modules based on project requirements, resulting in improved functionality and user experience.

- ✓ Successfully maintained and modified the existing web portal, ensuring it remained up-to-date and aligned with business needs.
- ✓ Collaborated with cross-functional teams to gather and analyze user feedback, leading to enhancements and optimizations of the web portal.
- ✓ Implemented innovative features and enhancements, resulting in increased engagement and customer satisfaction.
- ✓ Actively participated in code reviews and provided constructive feedback, contributing to the overall quality and stability of the web portal.
- ✓ Conducted thorough testing and debugging to identify and resolve any issues, ensuring a seamless user experience.
- ✓ Regularly stayed updated with industry trends and emerging technologies, incorporating them into the web portal to stay competitive in the market.

- **Software Developer | G-max-media It Solutions Pvt. Ltd.** *(Jan'14—Aug'15)*
    - ✓ Tech Used : PHP, MySQL, Linux
    - ✓ Collaborated with clients to understand their requirements and effectively designed websites to meet their needs.
    - ✓ Interacted with clients to gather project requirements, ensuring clear communication and accurate understanding of their expectations.
    - ✓ Led a team of skilled developers, effectively delegating tasks and ensuring the timely delivery of high-quality projects.
    - ✓ Worked collaboratively in a team of skilled developers, utilizing strong communication and problem-solving skills to deliver projects within the required timeframe.
    - ✓ Demonstrated effective teamwork by collaborating with skilled developers to successfully deliver high-quality projects on time.

Education

Dr Bhim Rao Ambedkar University

Bachelor in Engineering in Computer Science (2010)

Projects

- **CNGMitra — Mobile & Station Operations Platform (Technical Lead)**
  Role: Architect & Lead Developer — owned end-to-end product delivery.
  Problem: Manual station operations and poor customer discovery for CNG stations.
  What I built: A hybrid mobile/web platform (Angular + Cordova) and Node.js backend exposing REST APIs for station management, live availability, payment routing and offline sync for intermittent connectivity. Implemented role-based access for station attendants, structured logging, and retryable background sync.
  Impact: Enabled digital booking and streamlined station operations; mentored team on modular code and CI pipelines.
  Tech: Node.js, Angular 20, Cordova, MySQL, Redis (caching), JWT auth, CI/CD.

- **GAIL Intranet — Enterprise Internal Platform (Tech Lead / Architect)**
  Role: System architect and full-stack lead — designed security, integrations and scalability.
  Problem: Fragmented tools and manual workflows across departments.
  What I built: A secure intranet with RBAC, SSO integration, workflow engine for approvals, audit trails and data-export/reporting modules. Led API design, DB schema for multi-tenant org data, and implemented background jobs for ETL tasks. Introduced automated testing and staged deployments for internal releases.
  Impact: Delivered secure, maintainable modules aligned to enterprise compliance and observability requirements.
  Tech: Node.js, Angular 16, MySQL, MongoDB, AWS (IAM, S3, RDS), OAuth/SSO, logging & monitoring.

- **Optimus — SCORM Authoring & Automation Platform (Lead Engineer)**
  Role: Product lead for automated course generation pipeline.
  Problem: Time-consuming manual SCORM package creation and localization.
  What I built: Web portal to author, localize and style SCORM courses dynamically; export pipeline produces SCORM-compliant packages automatically from CMS entries. Features include multi-language content, templated styling, asset management and scheduled exports. Implemented unit tests, validation for SCORM compliance, and a REST API for automated ingestion.
  Impact: Simplified authoring, reduced manual handoffs, and increased throughput of learning content production.
  Tech: Node.js, Angular 7, Bootstrap, HTML5, CSS3, S3 storage, job queue.

- **SCB – Business Banking Simulation (Full-Stack Developer / Deployment Lead)**
  Role: Full-stack contributor and deployment lead for client AWS rollout.
  Problem: Need for realistic, multi-user banking decision simulator for employee training.
  What I built: Multiplayer simulation with real-time game state, asynchronous decision rounds, and comprehensive admin analytics. Implemented session management, game orchestration, and persistent scoring with leaderboards. Managed AWS deployment, autoscaling, and secure VPC configuration for client hosting.
  Tech: Node.Js, JavaScript front-end, Bootstrap, AWS (EC2, RDS), WebSockets.

- **Takeda Axceed Learning – Gamified LXP (Lead Developer)**
  Role: Lead for gamification, scheduling and assessment modules.
  Problem: Increase weekly engagement and reinforce learning via scheduled levels.
  What I built: Learning portal with scheduled weekly modules, gamified progressions, assessments and reporting. Integrated authentication, content scheduling and analytics dashboards for L&D teams. Deployed on AWS with monitoring and backup strategies.
  Tech: PHP, Angular 7, Bootstrap, AWS, SCORM integration.

- **RBS – Employee Training Portal (Full-Stack Engineer)**
  Role: Contributor to multi-tenant training portal for RBS employees.
  What I built: Live multiplayer learning sessions, scoring, and admin tools for cohort management. Implemented secure deployment on client AWS infra and added monitoring for session health.
  Tech: PHP, Angular 7, Bootstrap, HTML5, CSS3, AWS.

- **AMA – Gamified Corporate Learning Platform (Technical Lead)**
  Role: Technical owner for gamification, leaderboard and admin systems.
  What I built: Employee learning portal with points, leaderboards, admin user management and analytics. Built admin workflows for content and user lifecycle, privacy-aware logging, and role-based reporting.
  Tech: Node.js, Angular 7, Bootstrap, HTML5, CSS3, MongoDB.

- **180 Nutrition – WordPress + WooCommerce Implementation (Lead Developer)**
  Role: Front-end integration lead and eCommerce integrator.
  What I built: Converted PSD designs into a responsive WordPress + WooCommerce theme, integrated payment gateways, shipping rules and product imports. Implemented SEO best practices and caching for global performance.
  Tech: PHP, WordPress, WooCommerce, HTML5, CSS3, Bootstrap, CDN.

- **Security Employee – Client Management & Mobile Apps (Full-Stack Lead)**
  Role: Product lead, architect and delivery manager.
  Problem: Client needed a single system to manage guards, attendance, payroll and deployments.
  What I built: Admin web portal for client management, rostering, expense and attendance tracking; two Android apps (Cordova) for guards with offline check-ins, GPS verification and daily reports. Integrated attendance data into payroll workflows and generated client invoices. Implemented role separation, secure APIs, and automated backups.
  Tech: PHP, CodeIgniter 3, MySQL, Angular 7, Cordova, Bootstrap, Android.