Mangesh Shrikant Mahajan

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Professional Summary

Results-driven Senior Developer with 6+ years of experience in scalable web applications using Node.js, Angular, and MongoDB. Reduced deployment failures by 25% and integrated critical APIs across multiple domains (healthcare, e-commerce, publishing, Media & Entertainment and education). Skilled in Docker, CI/CD, and Agile delivery.

Technical Skills

- **Runtime & Frameworks:** Node.js, Angular, Express.js, CodeIgniter, jQuery, Fastify.js, Fabric.js.
- **Languages:** JavaScript, TypeScript, PHP.
- **Logging:** Winston & Morgan (Node.js), Monolog (PHP) for error and request logging.
- **Database, ORM and ODM Tools:** MySQL, MongoDB, Mongoose, Doctrine.
- **Backend & Security:** OAuth, JWT, RESTful APIs, API Gateway, RBAC.
- **Tools & Platforms:** Visual Studio Code, Sublime Text, Jira, Trello, Confluence, Miro.
- **Monitoring & Networking:** Datadog (APM), FortiClient-SSL VPN, Remmina.
- **Testing & Deployment:** PHP Unit, Jest, Postman, Hoppscotch, Thunder client, PM2 (Process Manager), FileZilla (FTP Client), Jenkins (CI/CD), Docker, Docker Compose.
- **API Integrations:** Stripe, PayPal, NIA, BDR, Hubtel SMS, NEPP.
- **Version Control & Repository Hosting:** Bitbucket, GitHub, Tortoise SVN and Rabbit SVN.
- **Soft Skills:** Leadership, Communication, Problem-Solving, Team Collaboration, Agile Methodologies.
- **Collaborative tools:** Slack, Flock, Skype, Discord, Google Chat, Zoom, and Google Apps Email.
- **CMS & E-Commerce:** WordPress, WP Bakery, Visual Composer, Shopify.

Work Experience

1) **Application Nexus Web services Pvt. Ltd., Pune** (Senior Developer).   June 2024 to February 2025

   Project: Words of Veterans.

   Description: Built a storytelling platform for U.S. veterans to share, preserve, and print their military memories. Developed a scalable MEAN stack application allowing users to create personalized profiles and order custom keepsake books, with an emphasis on performance, usability, and seamless service access.

   Roles and Responsibilities:

   - Developed RESTful APIs using Node.js (Express) for managing pricing, shipping, and print job queues.
   - Integrated Stripe payment gateway to streamline transactions and reduce failure rates.
   - Implemented promo code logic in backend services to support discounts and free book redemption.
   - Designed and built a print-on-demand queue system using Redis for handling bulk job processing efficiently.
   - Used Angular for building dynamic user interfaces, ensuring smooth user journeys and accessibility.
   - Containerized the application using Docker for consistent environment setup and deployment.

2) **Plus91 Technologies, Pune** (Software Developer).   June 2022 to February 2024

   Project: MediXcel Product (LHIMS Ghana Team).

   Description: Worked on MediXcel, an advanced EMR & Practice Management system by Plus91 Technologies, supporting multi-specialty consultations, lab management, patient engagement, and hospital information systems. Features include scheduling, billing, inventory, CRM, and workflow automation.

Roles and Responsibilities:

- Resolved 50+ L3 support issues monthly using backend Node.js debugging tools, improving system stability and reducing downtime by 20%.
- Enhanced error logging and debugging pipelines, cutting deployment failures by 25% and increasing test coverage by 30%.
- Integrated critical APIs including BDR (Birth & Death Registry), NIA (National Identity Auth), Hubtel SMS, and NEPP, ensuring smooth third-party service interoperability.
- Optimized asynchronous processing and enhanced API response performance using Redis caching.
- Collaborated with frontend teams to ensure seamless Angular-to-Node communication and UI/UX consistency.

3) **Application Nexus Web services Pvt. Ltd., Nashik** (Junior Developer).   September 2020 to June 2022
   Project: Flag-maker & Print.
   Description: Flag-maker & Print is a free web platform that lets users design and print personalized flags with high-resolution output on polyester material. It supports custom sizes, patterns, and both single- and double-sided sublimation dye prints with durable grommets.
   Roles and Responsibilities:

   - Integrated Fabric.js in the Angular frontend for advanced canvas editing features like lock/unlock, group/ungroup, alignment tools, full-screen mode, magnetic snapping, tutorial guidance, and flip/distribution controls.
   - Built an admin dashboard using Angular to manage flag templates, perform image-related updates, and support efficient search and filtering operations.
   - Created backend services with Node.js (Fastify) for high-performance flag metadata management and persistent custom design handling.
   - Enhanced Shopify API integration for syncing product data and managing real-time e-commerce transactions.

   Project: Urban E Recycling – Electronics Recycling & Data Destruction.
   Description: Urban E Recycling is a Florida-based company providing free electronics recycling and secure data destruction services, including hard drive shredding and certified e-waste disposal, promoting environmental awareness and local community support.
   Roles and Responsibilities:

   - Developed job tracking and dispatch board modules using Angular frontend and Node.js (Express) backend to streamline job assignments and logistics.
   - Optimized report export functionality (PDF/CSV) for efficient data handling and performance.
   - Implemented user roles and access control in the backend to simplify job and data management across departments.
   - Integrated FullCalendar with Angular for intuitive day/week/month job scheduling views.

4) **JPK Software Solutions Pvt. Ltd., Nashik** (Software Developer).   June 2019 to August 2020
   Project: Vision Helpdesk Product.
   Description: Vision Helpdesk is a comprehensive customer support platform offering Help Desk, Satellite Desk, Service Desk, and Live Chat solutions with ITIL/ITSM-certified features. Available as both SaaS and On-Premises, it supports automation, analytics, and customizable workflows for multi-channel customer engagement.
   Roles and Responsibilities:

   - Maintained and enhanced backend services using Node.js (Express) to support scalable helpdesk features and real-time communication via Socket.io.
   - Resolved client-reported issues, implemented new features, and performed performance tuning.
   - Conducted regular code reviews, optimized debugging workflows, and ensured quality through test-driven development practices.

5) **Modern I InfoTech, Nashik** (PHP Developer).   September 2018 to May 2019

Project: Company Management.

Description: The Company Management System streamlines workforce and departmental management for small businesses. It automates employee records, optimizes department structuring, and integrates PDF reports with real-time email alerts, ensuring efficiency and data accuracy.

Roles and Responsibilities:

- Designed and developed an admin dashboard in CodeIgniter with CRUD functionality for staff, departments, and employees.
- Optimized PDF generation using M-PDF and DomPDF to automate report creation.
- Implemented automated email notifications for improved communication and workflow efficiency.

Education

- **Bachelor of Engineering in Computer -**
  - Savitribai Phule Pune University, Pune (2013 – 2016) | 62.13%.

- **Diploma In Computer Technology -**
  - MSBTE, Pune (2009 – 2013) **|** 67.35%.

- **Secondary School Certificate (SSC) -**
  - Maharashtra State Board, (1999 – 2009) **|** 62.76%.