

Ganesh Duvva

Software Engineer

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Profile

Full Stack Software Engineer with 1.9+ years of experience designing and deploying scalable web applications using Laravel, Angular, and JavaScript. Improved system performance by 30% for a Smart E-Governance System through optimized REST APIs and PostgreSQL/MongoDB databases. Proficient in microservices architecture, AWS deployment, and Agile methodologies, with expertise in AngularJS, React.js, and Node.js. Committed to delivering high-performance, scalable solutions that enhance user experience and operational efficiency.

Professional Experience

Pixelvide  10/2023 – present
Software Engineer 1 Hyderabad, India

- Developed **Dhairya Counselling System** for **Telangana Women Safety Wing** using Laravel and Angular, creating a dashboard that streamlined appointment booking and call management for 500+ monthly users in a 4-member Agile team.
- Engineered user, agency, and counsellor management modules for Dhairya, **integrating conference call APIs and SMS services**, reducing client response time by 15% and improving petition tracking accuracy by 20%.
- Deployed Dhairya on **AWS** using **CI/CD pipelines** and Docker, enhancing system uptime by 25% and supporting scalability for 1,000+ concurrent users.
- Optimized **IFMIS Bills Module** by refining PostgreSQL queries, cutting execution time by 20% and accelerating financial workflows for 58,000+ Telangana government users.
- Led IFMIS DA GO120 Enhancement, developing Laravel-based **REST APIs** that modernized financial processes, reducing processing time by 10% for 4,35,000+ state employees.
- Designed and tested 50+ REST APIs using Postman, ensuring 100% frontend-backend integration in **Agile sprints** managed via **Jira**, improving sprint delivery efficiency by 15%.
- Authored 200+ **unit test cases** for Dhairya and IFMIS using **PHPUnit** and Jest, **increasing code reliability** by 30% and reducing bugs by 25%.
- Spearheaded cross-functional collaboration using **Git** and **Docker**, delivering **scalable e-governance solutions** on AWS, boosting system availability by 30% and cutting deployment time by 15 minutes per cycle.

Pixelvide  07/2023 – 09/2023
SDE Intern Hyderabad, India

- Built 10+ responsive frontend components using **HTML**, **CSS**, **JavaScript**, and **AngularJS**, enhancing user engagement by 20% across client-facing modules.
- Developed 5+ backend APIs with **PHP** and **Laravel**, contributing to production-ready modules that supported 1,000+ users within 5 months.
- Optimized PostgreSQL** database schemas, improving query performance by 15% and ensuring 99.9% data integrity for 500+ records.
- Delivered 2 end-to-end modules by internship completion, reducing development time by 10% and earning commendation for production-ready quality.
- Mastered **Agile best practices** and **full-stack development**, completing 100% of assigned tasks on time and transitioning seamlessly to a full-time role.

Education

Jawaharlal Nehru Technological University  08/2019 – 06/2023
Bachelor of Technology | B.Tech Warangal, India

- Learned about Engineering, Personal Development, Soft Skills, and technical knowledge.
- Been volunteered for the cultural fest, events, and placement sessions by over 100000+ students and conserved **7.4 GPA**.

Skills

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|--------------|-------------|--------------|----------------|
| • Angular | • Laravel | • HTML | • CSS |
| • JavaScript | • Bootstrap | • PostgreSQL | • PHP |
| • Node.js | • React | • Python | • Java |
| • Nginx | • Docker | • AWS | • Tailwind CSS |