

Ankush Ranapure

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EXPERIENCE

Software Engineer - Part Time

Jan. 2024 – July 2024

Prudential Financial

Newark, NJ

- Developed serverless Lambda functions in Python; deployed React apps using Docker, ECS, and AWS services
- Authored RESTful APIs with Node.js and Express.js, enhancing backend infrastructure and service reliability
- Automated deployments via CloudFormation and IaC, reducing deployment time by 20%

Senior Software Engineer

Nov. 2020 – Dec. 2022

Nisum Technologies

Hyderabad, India

- Designed 4 reusable Vue component libraries for a micro frontend architecture, improving modularity
- Executed A/B testing, resulting in a 12% increase in conversion rates and user engagement
- Published 6 Node.js packages for plug-and-play use, significantly improving code reusability
- Implemented Jest unit tests, maintaining 80%+ code coverage and ensuring high code quality

Software Engineer

Nov. 2018 – Oct. 2020

Mantra Group

Hyderabad, India

- Developed AI-driven scheduling software with Vue.js, MySQL, and Google Dialogflow integration
- Integrated scheduling platform with Google Calendar, Office 365, and iCal, enhancing user experience
- Built a project management tool using JavaScript, React, and Redux, boosting team collaboration
- Linked tasks, issues, and projects with GitHub for DevOps, enhancing workflow efficiency
- Designed RESTful APIs and backend systems with Node.js, Express.js, and MySQL, improving scalability
- Enhanced the scheduling platform by integrating AWS RDS, Amazon S3 for file storage
- Created CI/CD pipelines with GitLab CI, increasing deployment frequency by 50%.

Software Developer

Nov. 2017 – Nov. 2018

Virtus IT

Hyderabad, India

- Engineered an order management app with TypeScript, Angular 4, and Node.js enhancing user experience
- Embedded Google Maps API for real-time order tracking, boosting delivery precision and user satisfaction
- Optimized server load by 30% using Redis caching, significantly boosting application performance.

EDUCATION

New Jersey Institute of Technology

Newark, NJ

Master of Science in Computer Science

Jan. 2023 – Dec. 2024

Jawaharlal Nehru Technological University

Hyderabad, India

Bachelor of Engineering in Electronics and Communication

Aug. 2013 – July 2017

PROJECTS, RESEARCH, & ACHIEVEMENTS

Research | Code Review Security in Modern Software Development

NJIT, Spring 2023

- Conducted a comprehensive study on security vulnerabilities introduced during code review processes in modern development workflows.
- Built a python application to verify the authenticity of code commits in modern software development

Hackathon Winner | Vue.js, Three.js, Node.js, MongoDB, Google Cloud

Sep. 2023

- Achieved 2nd place in a competition featuring 30+ projects and 200+ competitors, receiving a \$1,000 cash prize.
- Received a Google backpack for best use of Google Cloud.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Go, SQL, NoSQL, HTML, CSS

Technologies: React.js, Angular, Vue.js, Node.js, Express.js, FastAPI, DynamoDB, Pydantic, Docker, AWS, Git, Unit Testing, Jest, API Design, CI/CD, GitLab CI, RESTful APIs, Design Patterns (Singleton, Factory)