ROHITH GOUD PANJALA

Aldie, VA 571-724-1024 rohithgp30@gmail.com linkedin.com/in/rohithgoud30 github.com/rohithgoud30 rp30.us

PROFILE

Full-stack Software Engineer proficient in JavaScript, TypeScript, React.js, Next.js, and Node.js, with experience building and deploying scalable web applications and cloud-native services on AWS and GCP. Skilled in designing secure RESTful APIs and integrating AI APIs to build intelligent, data-driven features. Experienced with CI/CD pipelines, performance optimization, and agile software development in cross-functional teams.

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Python, HTML, CSS, Java
Frameworks:	React.js, Next.js, Angular.js, Tailwind CSS, Express.js, Nest.js, Node.js, FastAPI, Spring Boot
Tools:	Git, Figma, Firebase, Vercel, Playwright, Typesense, Clerk, GitHub Actions, Docker
Databases:	MongoDB, PostgreSQL, Firebase Firestore
Cloud:	AWS, GCP
Additional Exposure:	Gemini API, OpenAI API, NLP

WORK EXPERIENCE

Software Engineer Intern   Jun 2024 – Aug 2024
ZROin   *Baltimore, MD*
· Engineered scalable backend services in Nest.js, enhancing ZROin's platform for 50+ small businesses by integrating 3D store designs and e-commerce features.
· Collaborated with Baltimore City government and a cross-functional team to deploy solutions on GCP, ensuring reliability and scalability.

Backend Developer Intern   Jun 2024 – Aug 2024
Reel Talk   *Los Angeles, CA*
· Developed a real-time backend for web, iOS, and Android platforms using Firebase, GCP, Node.js, and Express.js.
· Optimized system performance by managing large-scale data integration and implementing security measures.

Research Assistant   Sep 2023 – Apr 2024
The Ethical Software Lab, UMBC   *Baltimore, MD*
· Designed and implemented full-stack web/mobile applications, contributing to ethical software research.
· Developed robust solutions while collaborating on research-based development initiatives.

Programmer Analyst   Dec 2021 – Mar 2023
Cognizant Technology Solutions   *India*
· Built a full-stack app using React.js and Node.js, integrating Medable's backend to support scalable clinical workflows.
· Designed RESTful APIs for frontend-backend communication and secure patient data handling.
· Improved page load and data fetch performance by 30% via frontend and API optimizations.
· Collaborated with QA, product, and design teams to deliver features aligned with real-world healthcare workflows.

IoT Intern   Oct 2020 – Mar 2021
Adobe Creative Technology Academy   *Hyderabad, India*
· Developed real-time IoT data visualization and management systems.
· Designed RESTful APIs for integration with diverse IoT platforms and devices.
· Contributed to technical documentation and project presentations.

PROJECTS

CRWLR – Terms of Service & Privacy Policy Analyzer   Feb 2025 – May 2025
Capstone Project, UMBC   *github.com/rohithgoud30/tos-pp-crawler*
· Built a full-stack cloud-native platform for crawling, summarizing, and analyzing legal documents using AI and NLP.
· Developed frontend in Next.js 15 with Tailwind CSS, Clerk auth, and responsive UI; deployed on Vercel.
· Built backend in FastAPI with Gemini API integration, deployed on Google Cloud Run; indexed data using Typesense.
· Designed a custom crawler engine using BeautifulSoup and Playwright, integrated with RESTful backend.
· Enabled full CI/CD with GitHub Actions and secure document processing infrastructure.

EDUCATION

University of Maryland Baltimore County, Baltimore, MD   Aug 2023 – May 2025
Master of Professional Studies in Software Engineering   **GPA: 3.87/4.0**
Guru Nanak Institutions (GNI), Hyderabad, India   Aug 2017 – Aug 2021
Bachelor of Technology in Electronics and Communication Engineering