Shravya Kudlu

Harrison, NJ, USA

LinkedIn | GitHub | Portfolio

shravyakudlu@gmail.com |8628001476

SOFTWARE ENGINEER

Passionate Software Engineer experienced in designing and developing scalable client–server applications. Skilled in full-stack development, cloud technologies, and emerging AI integration. Strong collaborator known for adaptability, problem-solving, and delivering efficient, business-aligned technical solutions

SKILLS

Languages	: Python, TypeScript, JavaScript, Bash Script, Java, Git, HTML, CSS, SQL
Tech/Platforms	: Github, Docker, Kubernetes, Linux, Automation, Distributed Systems, Microservices, Event-Driven Architecture, REST APIs, FullStack Development, Mobile Applications, Message Queues, Relational Databases, service oriented architecture
AI Tools	: LangChain, OpenAI APIs, Prompt Engineering, RAG, Agentic AI Systems, AI Automations, Opencode
Dev Tools	: FastAPI, Django, MongoDB, NodeJS, ReactJS, Spring Boot, React Native, NextJS, Material UI, Tailwind CSS, Redis, Kafka, AWS

EXPERIENCE

Software Developer   **Jul 25 – Present**
One Community Global   *Remote, USA*

- Architected Phase 4 MERN stack features, including student assistant tools and performance reporting dashboards, increasing platform utility and engagement for a global network of young learners
- Delivered 8–10 high-priority full-stack tasks weekly with 100% on-time execution by optimizing JSX and CSS component structures for rapid scalability
- Engineered a LangChain and Python-powered AI agent to automate tracking for 30+ weekly PRs, eliminating redundant reviews and reducing administrative overhead
- Leveraged SonarQube, Copilot, and Sentry alongside rigorous peer reviews to resolve vulnerabilities proactively, ensuring all code was production-ready with a zero-critical-error rate
- Streamlined multi-developer collaboration by managing complex merge conflicts and enforcing Git rebasing to maintain a clean, linear, and audit-ready commit history
- Developed student-centric group logic and daily logging systems that directly facilitated the platform's expansion into international sustainability educational markets

Software Developer   **Feb 21 – Aug 23**
Accenture   *Bengaluru, India*

- Applied IBM Integration Bus (IIB) middleware with a Java backend for client QBE Insurance Australia, improving system efficiency by 30% and driving business growth
- Revamped the cloud migration project, enhancing performance by 40% and driving team success through strategic guidance and mentoring of junior team members

Insurance Portfolio Expansion:

- Developed home, landlord, and vehicle insurance offerings by engaging stakeholders and creating tech designs, doubling the customer base and increasing revenue by 40%
- Managed project timelines in an agile environment under tight deadlines, streamlining workflows and reducing bugs by 20%

Cloud Migration and Integration:

- Assisted in migrating systems to the cloud by documenting 18 microservices and mapping APIs, endpoints, and route handlers across 6 environments
- Implemented FTP, TCP, & other protocols across 15 services to streamline deployment & integration processes
- Debugged complex data flows and monitored logs for 30+ queues, identifying and resolving issues to ensure accurate data routing and queue management

PROJECTS

MealGenie

- Built an AI-driven meal planner with Gemini API + RAG with real-time grocery-to-recipe conversion
- Tuned prompts and added fallback mechanisms, improving recipe relevance

EDUCATION

New Jersey Institute of Technology   **Sep 23 – May 25**
Masters of Science in Computer Science   *Newark, New Jersey, USA*

SDM Institute of Technology   **Aug 16 – Jun 20**
Bachelors of Science in Computer Science   *Dharwad, Karnataka , India*