Vinitha Pukazh Bagya R

Software Engineer III

📍 Bangalore, India (Open to relocation)   ✉️ pukazhvinitha@gmail.com   📱 +91 7339 586 277   💼 linkedin.com/in/pukazhvinitha

PROFESSIONAL SUMMARY

Full-stack developer with 7+ years of experience in designing, developing, and implementing robust and scalable web applications. Expertise in microservices-based architectures, integrating with third-party APIs (including Workday), and automating infrastructure provisioning using Terraform. Proven track record of improving operational efficiency, reducing manual effort through automation, and enhancing application security.

TECHNICAL SKILLS

Back-End:	Python, NodeJS, Flask, Express, Java, Groovy, Grails, SpringBoot
Front-End:	React, JavaScript, TypeScript, D3.js, HTML, CSS, Bootstrap
Cloud & Infrastructure:	GCP, AWS, Terraform, Docker, Kubernetes
Databases:	PostgreSQL, MySQL, DynamoDB, BigQuery, SQLAlchemy ORM
CI/CD & Tools:	Git, GitHub, TeamCity, CircleCI, Jenkins, Okta
Testing:	Pytest, Mocha, Sinon, MagicMock, Selenium

WORK EXPERIENCE

Guidewire, India — Software Engineer III   *August 2024 – Present*

- Automating release workflows using **AI agents**, reducing manual intervention and improving deployment reliability
- Maintaining backend services supporting release engineering workflows, enhancing traceability and operational efficiency
- Improved CI/CD functionality by automating build steps, streamlining the deployment pipeline
- **Tech Stack:** Java, SpringBoot, TypeScript, AWS

Thoughtworks, India — Senior Consultant (Application Developer)   *February 2021 – August 2024*

- **UBS Integration:** Automated file transfers from GCS to Dropbox via SFTP achieving **100% automation**; reduced API response time from 1 hour to under 20 minutes
- **Workday Integration:** Developed event-driven system to automatically update user details across applications, saving ~30 minutes per change
- **Compensation Uploader:** Spearheaded microservice-based system with asynchronous processing, increasing efficiency by **20%**
- **Data Platform:** Automated verification of 3,000+ records between platforms, reducing manual effort by **75%**
- **Security:** Led threat modeling sessions, improving security rating from level 0 to 1; resolved vulnerabilities in Docker images and GCP instances
- **Infrastructure:** Championed Terraform for automated provisioning and introduced Alembic for seamless database migrations
- Mentored 6+ junior developers through code reviews and knowledge transfer sessions

Amphisoft Technologies, India — Product Engineer   *June 2018 – January 2021*

- **E-Box Platform:** Developed backend framework for course purchases (PayU/PayPal)
- **Engagement:** Designed gamified programming challenges, increasing user engagement by **30%**
- **Visualization:** Created dashboards using D3.js to monitor student performance and learning analytics
- **Integrations:** Integrated Google Maps for candidate tracking and Zoom for virtual collaboration

EDUCATION

B.E. in Computer Science and Engineering — Sri Eshwar College of Engineering   *2014 – 2018*

ADDITIONAL INFORMATION

Relocation: Eager to relocate (visa sponsorship required)

Tech Adaptation: Successfully transitioned from Groovy/Grails to Python microservices within first month at Thoughtworks