






# Vinitha Pukazh Bagya R

## Software Engineer III

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## 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

**Languages & Frameworks:** Python, Java, Node.js, Spring Boot, Flask, Express, Groovy  
**Front-End:** React, TypeScript, JavaScript, HTML, CSS, D3.js  
**Cloud & Infrastructure:** GCP, AWS, Terraform, Docker, Kubernetes  
**Databases:** PostgreSQL, MySQL, DynamoDB, BigQuery, SQLAlchemy ORM  
**CI/CD & Tools:** Git, GitHub, TeamCity, CircleCI, Jenkins, Okta

## WORK EXPERIENCE

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

- Designed and implemented **AI-assisted automation** for release workflows, reducing manual release effort and improving deployment reliability
- Maintained backend services supporting release engineering workflows, enhancing traceability and operational efficiency
- Improved **CI/CD functionality** by automating build steps, streamlining the deployment pipeline
- Collaborated with **cross-team stakeholders** to improve release stability and developer experience

**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