AKHIL ABOTHU (Consultant at Capgemini)

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2017 B.Tech graduate in CSE , from Sai Spurthi Institute Of Technology (JNTU Hyderabad, TS)

Career Objective

To work as a Full Stack Developer, specializing in Java, Spring Boot, and Vue.js while constantly upskilling myself in relevant technologies and delivering high-quality enterprise applications.

Professional Summary (8.3 years experience)

- Having 8.3 years of experience in Software Development as a Full Stack Developer using Java, J2EE related technologies.
- Expertise in developing Enterprise Applications using Spring MVC and Spring Boot Framework with Angular and React.
- Hands on experience with Vue.js, Angular, and React for frontend development.
- Experience in working in environments using Agile (SCRUM) development methodologies.
- Experience in development and deployment of applications using JBoss (Wildfly) and Apache Tomcat.
- Working experience in UI development, backend development, and production support.
- Proven ability to deliver sessions and conduct workshops on various technologies.

Technical Skills

Working Experience in:

Programming Languages: Java
Web Technologies: Servlets, JSP
Web Designing: HTML5, CSS3, Bootstrap, JSON and JavaScript
Frontend Frameworks: Angular, React, Vue
Backend Frameworks: Spring MVC, Spring Boot, Hibernate
Database: MySQL, SQL
Operating Systems: Linux and Windows
Version Controls: GIT
Tools: Maven, Visual Studio Code, IntelliJ IDEA, Eclipse, Jenkins, Checkmarx
AI Tools / Plugins: Cursor, Google Antigravity, Github Copilot
API Client: Postman
Web Servers: Apache Tomcat, JBoss (Wildfly)
Authentication: JWT Token Implementation
Office Packages: Liber Office, Microsoft Office

Enterprise Projects

Client: General Electric Corporate - Capgemini (Apr 2021 - Present)

- **WAM - Access Management System (GE Aerospace) (Java, Spring Boot, Angular, Node.js, SQL) (Jan 2024 – Present):** Access management system to assign roles to GE users through approval workflows.
  - Designed and enhanced role-based access control (RBAC) system with approval workflows
  - Gathered and analyzed business requirements for secure access management
  - Led Angular migration from v9 to v19 following best practices
  - Upgraded Spring Boot 2.6 → 3.5 ensuring compatibility and performance improvements
  - Upgraded Node.js 16 → 22 for security and performance gains
  - Developed RESTful APIs and responsive Angular UI
  - Followed incremental upgrade strategy to avoid production downtime
  - Deployed on Tomcat server and handled unit testing and UAT bug fixes
- **WAM - Access Management System (GE Vernova) (Java, Spring Boot, Angular, SQL) (Oct 2023 – Jan 2024):** Access management system to assign roles to GE users through approval workflows.
  - Performed rebranding activities to align with GE Vernova brand guidelines
  - Conducted comprehensive data cleanup and migration tasks

- Implemented workflow routing changes to optimize approval processes
- Managed application cloning and deployment for GE Vernova division
- Deployed on Tomcat server and handled unit testing and UAT bug fixes
- **Travel & Fleet Applications (Java, Spring Boot, Angular, SQL) (May 2022 – Oct 2023):** Travel provided GE users access to cards, news, and travel-related services. Fleet managed vehicle assignment records.
  - Analyzed and modularized requirements for Travel & Fleet applications
  - Built robust backend with Spring Boot and responsive frontend with Angular
  - Deployed applications on Tomcat and provided comprehensive UAT support
  - Led team collaboration and strategic task allocation across modules
- **GPIT - Global Payroll Input Tool (Java, Spring MVC, HTML, JavaScript, Maven, Wildfly) (Jan 2022 – May 2022):** Standardized tool for placing employee payroll deductions and payment requests.
  - Built Spring MVC controllers, services, and repositories from scratch
  - Successfully migrated project from Ant build system to Maven
  - Converted XML configurations to Java-based configuration
  - Integrated with third-party APIs and fixed security vulnerabilities
  - Resolved UAT bugs and ensured smooth production deployment
- **CATBILL - Corporate Air Transport (Java, Spring Boot, React, MySQL, Maven, Tomcat) (Apr 2021 – Jan 2022):** Monthly billing tool for GE trip expenditures, organized through recurring job batches.
  - Built comprehensive Spring Boot modules and dynamic React components
  - Configured message queues and handled complex interface communication
  - Successfully migrated legacy project from Spring MVC with JSP to Spring Boot + React
  - Managed end-to-end deployment, testing, and critical bug resolution

Client: GV Soft Solutions Pvt Ltd (Jun 2018 – Feb 2021)

- **COCO - Competitions & Collaborations (Java, Vue.js, MySQL, Maven, JWT, Tomcat):** A collaborative platform where users can host/join competitions, hire talent, and communicate effectively.
  - Built secure REST APIs with comprehensive JWT token validations
  - Implemented social login integrations (Google, Facebook, LinkedIn)
  - Created custom Vue.js components and responsive user interfaces
  - Handled backend API development and provided 24/7 production support
  - Performed manual testing and managed Tomcat server deployments

Client: Wevio India Info Solutions Pvt Ltd (Oct 2017 – May 2018)

- **MyCube - Customizable Safe-Selling Platform (Java, Spring, JSP, MySQL, Tomcat):** Customizable safe-selling platform with user-configurable product features and purchasing flow.
  - Developed JSP-based UI and backend services
  - Implemented database operations using JPA
  - Supported production deployment and bug fixing

Achievements

- Received Capgemini XtraMile award for outstanding performance (2022)

Technical Certifications

- AWS Certified Cloud Practitioner certification (Validation Number: BZQV9C31X2111JWZ)
- AZ-900: Microsoft Azure Fundamentals (Certification Number: H985-9302)
- Completed the IT Essentials course as part of the Cisco Networking Academy program
- Microsoft technology associate database fundamentals. (Certification Number: F604-7349)

Co-Curricular Activities

- Participated as Delegate in 4CCON-2nd National Conference of FSMI hosted by FSF Tamilnadu (2017)
- Organized art of programming on python-workshop (FSMI) (3-days) (2016)
- Event organizer in my college from 3 years for ACSESS (2014-2016)

Strengths
Patience, Challenging, Creative, Self-learning, Adaptable.