# Ayush Maheshwari

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## PROFESSIONAL SUMMARY

Full Stack Developer with **3 years** of experience in building scalable web applications using **Java, Spring Boot and React**. Skilled in **REST API** development, **microservices**, cloud deployment (AWS, Azure), and CI/CD automation. Proven track record in improving application performance and enhancing user experience.

## TECHNICAL SKILLS

**Languages:** Java, SQL, JavaScript, TypeScript

**Frontend:** ReactJS, HTML, CSS, JQuery, NextJs

**Backend:** Spring Boot, Spring MVC, Node.js

**DevOps/Tools:** Tailwind, Bootstrap, Git, GitHub, Jenkins, Swagger, Jira, Docker

**Cloud:** AWS(EC2, S3, Elastic Beanstalk), Azure DevOps

**Others:** GitHub Copilot, Veracode, SonarLint, Chrome Devtools, Postman

## WORK EXPERIENCE

**Full Stack Developer - Cognizant**                                                          Oct 2024 – Present

**Client - Health Care Service Corporation HCSC**

**Project Description - Benefits Testing Tool** User-Friendly interface for the demo claims settlement process, streamlining testing procedures and significantly reducing time spent on manual tasks.

**Roles and Responsibilities**

❯ Contributed to the development of a Single Page Application (SPA) based on micro-frontend architecture using **React**, enhancing user engagement by 15%.

❯ Spearheaded backend microservices development using **Java and Spring Boot**, leading to a 25% improvement in system performance.

❯ Collaborated daily with cross-functional teams, utilizing tools such as **GitHub** to ensure project success, resulting in a 20% increase in code quality and efficiency.

❯ Utilized CI/CD tools like **Jenkins, PCF, and UCD** to automate the deployment process, reducing deployment time by 30%.

**Full Stack Developer - Cognizant**                                                          Aug 2022 – Oct 2024

**Client - Excellus BCBS**

**Project Description - Dentist Portal** Enabling patients to input their data efficiently. The portal provided a comprehensive view of all costs, previous fees, and charges, enhancing transparency and simplifying the billing process for both patients and dental staff.

**Roles and Responsibilities**

❯ Enhanced user engagement by developing a dynamic provider page using **JavaScript, Core Java, and Spring MVC**, leading to 20% increase in data collection efficiency.

❯ Improved **Veracode & Sonar** code performance score **from 60% to 83%** by optimizing Java and JavaScript logic across multiple pages.

❯ Improved user experience by developing and implementing JavaScript input fields on the claim page with enhanced **jQuery-based validation** reducing input errors by 15%.

❯ Ensured high-quality production releases by conducting comprehensive **User Acceptance Testing (UAT)** and orchestrating smooth deployments on **Microsoft Azure**.

❯ Enhanced application quality and usability by incorporating **stakeholders feedback** into iterative improvements throughout development lifecycle.

## PERSONAL PROJECTS

**TaskMinder (Using Spring Boot and React)**                                    GitHub Repo

> Enhanced frontend efficiency by implementing modular UI with **React components, hooks, and props** achieving a 20% reduction in load times.
> Implemented **RESTful APIs in Spring Boot to handle CRUD operations (Create, Read, Update, Delete)** for managing todo items.
> Integrated **JSON Web Tokens (JWT) with Spring Security** to establish stateless authentication for RESTful APIs.
> Deployed Spring Boot App on **AWS Elastic Beanstalk,** React front end on **Amazon S3** leveraging scalable infrastructure for reliable performance with 99.9% uptime.

**Analog Clock**                                                                Live Demo

> Created a visually engaging experience by utilizing **CSS transforms** to animate clock hands smoothly, achieving over 100 views on Github.
> Enhanced real-time functionality by implementing **JavaScript event handling,** enabling accurate and continuous time updates, leading to 80+ user interactions.

## CERTIFICATES

**AWS Certified Cloud Practitioner**                                             Link

*AWS Cloud Practitioner Certified, Proficient in cloud computing concepts and AWS services including EC2, S3, RDS, Lambda, and IAM, with expertise in cloud architecture, security, and cost management.*

**GitHub Copilot**                                                              Link

*GitHub Copilot Certified, Demonstrated proficiency in leveraging AI-powered coding assistance to enhance development efficiency and code quality.*

**GitHub Foundations**                                                          Link

*Certified in GitHub Foundations, Demonstrating proficiency in version control, repository management, and collaborative development.*

**Business English Certificate(BEC) by Cambridge**                              Link

*Secured B2 grade which is equivalent to 9/10*

## EDUCATION

**Dr. A. P. J. Abdul Kalam Technical University**                July 2018 – July 2022
*BTech in Computer Science*

> **CGPA:** 8/10
> **Coursework**: Data Structures and Algorithms, DBMS, Operating System

## ACHIEVEMENTS

Recognized by Business Unit as ***Star of the Month*** in January and February 2025 at Cognizant for Outstanding Performance.

Received client appreciation for significantly improving the UI's visual appeal.