

# Aman M Hafees

Software Developer

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## Career Goals

Dedicated full-stack software development aspirant with extensive hands-on knowledge of Java, Spring Boot, PostgreSQL, and modern web frameworks. Keen on developing scalable, secure, RESTful applications with Agile and SDLC best practices. Dedicated to constant learning and producing good code with clean structure and strong debugging skills.

## Technical Skills

- **Languages:** Java, JavaScript, C, Python
- **Frameworks/Libraries:** Spring Boot, Spring Data JPA, Spring Security, Node.js, React, Flutter
- **Web Development:** HTML5, CSS3, Responsive Design, RESTful API Development
- **Databases:** PostgreSQL, MySQL, Firebase, MongoDB
- **Tools/Practices:** Git, GitHub, Postman, IntelliJ IDEA, VS Code, Agile, Version Control, JWT Authentication, Debugging, Unit Testing
- **Other:** Object-Oriented Programming (OOP), API Integration, SDLC, Team Collaboration, Attention to Detail

## Education

**B.Tech in Computer Science** — Amal Jyothi College of Engineering 2022–Present  
**Higher Secondary (92.2%)** — Alfeen Public School 2020–2022

## Experience

**Software Development Intern, Covalense Digital**

Bangalore, India

May–June 2025

- Integrated Spring Data JPA for efficient database operations, applying OOP and SDLC principles.
- Implemented secure JWT-based authentication and role-based authorization with Spring Security.
- Followed Agile workflows using Git/GitHub for version control and Postman for API testing.
- Reduced authentication bugs by 30% through detailed debugging and unit testing.

## Projects

**SkillBridge Freelance Job Marketplace** — *Java 21, Spring Boot 3, Spring Data JPA, JWT, PostgreSQL, HTML5, CSS3, JavaScript*

- Created a complete stack freelancing portal for employees and employers to oversee temporary jobs.
- Created secure role-based access patterns for Employers and Workers utilizing JWT authentication.
- Designed RESTful APIs for posting, editing, removing jobs, applying, cancelling, and finishing.
- Incorporated dynamic dashboards displaying real-time job statistics by location and user profile.
- Deployed One-to-Many and Many-to-One JPA relationships using PostgreSQL.
- Included real-time notifications and profile administration for workers and employers.
- Utilized version control with Git/GitHub and followed proper HTTP status codes and exception handling.
- [\[Frontend GitHub\]](#) [\[Backend GitHub\]](#)

**PowerPath Mobile App** — *Flutter, Firebase, Google Maps API, Role-based Access*

- Built a mobile app for Kerala State Electricity Board (KSEB) officers to manage transformer operations.
- Integrated Google Maps API for real-time transformer navigation and fault location.
- Developed a fault logging system to track transformer faults and maintenance issues.
- Implemented a maintenance scheduler for creating and updating plans.
- Added advanced transformer search and section-wise dashboards for status overview.
- Designed user role-based access with tailored interfaces for engineers, supervisors, and linemen.
- Included maintenance history and a digital transformer inspection checklist.
- [\[GitHub Repository\]](#)

## **E-commerce Web Application** — *Java, Spring Boot, PostgreSQL*

- Developed CRUD RESTful APIs for managing products, users, and orders.
- Designed relational database schemas using Spring Data JPA and tested endpoints with Postman.
- Connected backend services to a responsive frontend using HTML, CSS, and JavaScript.

## **Portfolio Website** — *React, HTML, CSS, JavaScript*

- Built a responsive portfolio website using React showcasing projects and resume.
- Deployed version control with GitHub to track progress and updates.
- [\[Portfolio\]](#) [\[GitHub Profile\]](#)

## **References**

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### **Ms. Shiney Thomas**

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