

ANUSHA RAVILLA

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PROFESSIONAL SUMMARY

Computer Science graduate with internship experience developing backend and full-stack applications using Java, Spring Boot, Python, React, and REST APIs. Experienced in building secure services with Spring Security and JWT, working with SQL/NoSQL databases, and writing unit-tested code using JUnit and Mockito. Strong foundation in data structures, algorithms, OOP, and software engineering fundamentals, with hands-on experience using Git.

EDUCATION

- **Bachelor of Technology (Computer Science)**
- N.B.K.R Institute of Science and Technology

November 2021 -May 2025
CGPA 8.7/10

WORK EXPERIENCE

Software Developer Intern – Ashtha7Tech | Mar 2026 – May 2026

- Developed and enhanced responsive web pages using React.js, implementing new features and functionality based on application requirements.
- Debugged frontend and API integration issues and implemented fixes to ensure expected application behavior.
- Integrated React.js frontend components with FastAPI backend services through REST APIs, connecting user interfaces with backend services and data.

PROJECTS

Fintrack – Personal Finance & Investment Platform | [fintrack](#)

- Built a full-stack personal finance platform with React, TypeScript, FastAPI, and PostgreSQL, implementing JWT authentication, email verification, and password reset workflows.
- Developed an investment analysis feature that evaluates user income and expenses, applies risk-based portfolio allocation, and generates personalized investment recommendations.
- Implemented Redis-based caching and API rate limiting to improve application performance and control request frequency.
- Containerized the application using Docker to provide a consistent development and deployment environment.

URL Shortener (Spring Boot, React, MySQL, JWT, Docker) | [url-shortener](#)

- Developed a full-stack URL shortening platform using Spring Boot, React, and MySQL, enabling users to create, manage, and share shortened URLs through a secure web interface.
- Designed and implemented RESTful APIs with Spring Security and JWT authentication for user registration, login, and personalized URL management.
- Built URL shortening, redirection, and analytics features, allowing users to track click statistics and manage shortened links efficiently.
- Followed a layered Controller–Service–Repository architecture with proper validation, exception handling, and clean coding practices to build a scalable backend.
- Implemented unit tests using JUnit and Mockito to validate backend service behavior and improve code reliability.

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, SQL
- **Libraries & Frameworks:** Spring, Spring Boot , FastAPI, Node.js, Express.js, React.js
- **Databases:** MySQL, MongoDB, Redis.
- **Cloud & DevOps:** Docker, Linux
- **Tools & Testing:** Git, GitHub, JUnit, Mockito
- **CS Fundamentals:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Operating Systems, Computer Networks