

Ashish Raj

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Summary

Full Stack Software Developer with expertise in Java, JavaScript, Python, React.js, Node.js, MongoDB, PostgreSQL, and MySQL. Experienced in developing scalable web applications and RESTful APIs, applying strong knowledge of software engineering principles, data structures, and algorithms to deliver high-performance, user-focused solutions.

Work Experience

Digital Bhem

Java Programming Intern

Remote

03/2025- 06/2025

- Developed Java-based applications, collaborating with cross functional teams to enhance performance and to ensure best practices in coding standards and performance.
- Improved debugging efficiency and optimized code performance, resulting in more reliable and maintainable applications.

Projects

Role Based Job Portal System

FULL-STACK JOB PORTAL FOR JOB SEEKERS AND EMPLOYERS.

GitHub

- Implemented job posting, application tracking & personalized search.
- JWT authentication with role-based access & file uploads.

Task Manager with User Authentication

FULL-STACK TASK MANAGEMENT APP WITH JWT-BASED AUTHENTICATION.

GitHub

- Features: task creation, editing, deletion, task status tracking (completion) & dark mode support.
- Responsive UI with secure login and smooth user experience.

Online Banking System

JAVA-BASED BANKING APP WITH USER REGISTRATION, LOGIN, FUND TRANSFERS & HISTORY.

GitHub

- Secure authentication using BCrypt; MySQL integration via JDBC.
- Designed intuitive Swing UI for smooth interaction.

Fire Detection System Using Machine Learning

MACHINE LEARNING MODEL FOR FIRE DETECTION IN PICTURE (.H5)

GitHub

- Used Python, TensorFlow/Keras & OpenCV for processing and deployment.
- Improved robustness with data preprocessing & augmentation.

AI-Powered Text Summarizer

DEVELOPED NLP APP FOR CONCISE TEXT/DOCUMENT SUMMARIZATION.

GitHub

- Added PDF & text upload support with Multer and pdf-parse.
- Used NLP.js for efficient summarization.

Technical Skills

Strongest Areas: Data Structures & Algorithms

Programming Languages: Java, JavaScript, Python, C

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS

Backend & Frameworks: Node.js, Express.js, Spring Boot

Databases: MySQL, PostgreSQL, MongoDB

Tools & DevOps: Git, GitHub, Basic CI/CD, Cloud Deployment, AWS (basic exposure)

Education

Nitte Meenakshi Institute of Technology

Bangalore, India

MASTER OF COMPUTER APPLICATIONS

CIMAGE Professional College

Patna, India

BACHELOR OF COMPUTER APPLICATIONS