

# Ashish Raj

Delhi, India

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## Summary

Full Stack Software Developer with expertise in Java, JavaScript, Python, React.js, PHP, 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

### Labmentix

Full Stack Web Development Intern

Remote  
04/2025- 10/2025

- Worked on frontend (HTML, CSS, JavaScript, React/Vue/Angular) and backend (Node.js, Express.js, Python/Django, PHP) development.
- Managed databases (MySQL, MongoDB) and contributed to design, development, and testing of web 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.

### Blood Bank Donor Management System

web-based application for blood donor registration & management.

GitHub

- Built using PHP, MySQL, HTML, CSS, and JavaScript.
- Provides donor registration, blood search, request submission & admin control.
- Includes dashboard for managing donors, requests, and site content.

### 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, PHP, Laravel, Spring Boot

**Databases:** MySQL, PostgreSQL, MongoDB

**Tools & DevOps:** Git, GitHub, CI/CD, Cloud Deployment, AWS

## Education

### Master of Computer Applications

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

Bangalore, India  
2025

### Bachelor of Computer Applications

CIMAGE PROFESSIONAL COLLEGE

Patna, India  
2022