

# Prathamesh Mavalkar

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## Summary

**Java Developer** with strong expertise in backend and full-stack development. Skilled in Java, MySQL, RESTful services, and the MERN stack. Adept at building scalable, secure applications and writing clean, maintainable code. Passionate about problem-solving, collaboration, and turning innovative concepts into real-world solutions.

## Education

**Datta Meghe College of Engineering**, B.E. in Computer Engineering — Airoli University of Mumbai 2022 – 2026 (Expected)  
Current CGPI: **8.25/10** (up to 7th Semester)  
**Karmaveer Bhaurao College**, HSC — Vashi (**68.33%**) 2020 – 2022  
**Modern School**, SSC — Vashi (**87.80%**) 2020

## Experience

**MERN Intern**, Mernix Consulting Jul 2024 – Aug 2024

- Built and deployed multiple MERN stack applications with authentication and CRUD features.
- Collaborated in a team setting, following agile practices and performing real-world deployments.
- Improved skills in scalable design and API integration under guidance of a team leader.

**Python Intern**, MIRA Mar 2024 – Apr 2024

- Designed and executed four projects using Python involving data structures, APIs, and automation.
- Automated routine processes, reducing manual effort and improving task efficiency.
- Enhanced debugging, testing, and optimization skills while working with senior developers.

## Projects

**Cryptonex — Cryptocurrency Trading Platform** 🔄 Mar 2024 – Dec 2024

- **Role: Backend Developer** — implemented core functionality using Java and MySQL.
- Built secure authentication with 2FA, wallet operations, and dual payment gateways (Stripe & Razorpay).
- Integrated an AI-powered chatbot and created Postman collections for API testing and documentation.
- Designed the backend for scalability with modular services, pagination, and caching to handle real-time financial operations.

**Forever — E-commerce Website** 🔄 Dec 2023 – Feb 2024

- **Role: Full-Stack Developer** — developed end-to-end features using the MERN stack.
- Built product browsing, shopping cart, checkout, and user authentication workflows.
- Developed admin dashboards for managing orders, products, and users.
- Integrated Stripe for secure payments and Cloudinary for scalable media storage.
- Ensured maintainability by documenting APIs and common response formats.

## Skills

- **Programming:** Java, Python, C, JavaScript (basic)
- **Frameworks:** Spring, Spring Boot, React, Express, Pandas, NumPy, Matplotlib, Scikit-learn (Basic)
- **Backend/API:** Spring Security, Node.js, REST APIs, Microservices, OAuth, API Testing (Postman)
- **Frontend & UI:** HTML, CSS, React
- **Databases/Cloud:** JDBC, MongoDB, MongoDB Atlas, Firebase, SQL, MySQL
- **Tools & Practices:** GitHub, Jupyter Notebook, PyCharm, Render, Vercel, Agile/Scrum

## Achievements & Certifications

- **Java Programming: Arrays, Lists, and Structured Data** — Duke University
- **Java Programming: Solving Problems with Software** — Duke University
- Secured **Top 10 Position** in “**CODECRAFTERS 2.0**” Hackathon, Saraswati College of Engineering, Kharghar (15th–16th March 2025) — Team: Web Warriors.
- **JavaScript MERN Full Stack Training**
- **Python with Data Structures, Databases & Data Science**