# Vaibhav Patil

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LinkedIn Profile- [linkedin.com/in/vaibhav-patil-49171a1a2](linkedin.com/in/vaibhav-patil-49171a1a2)

MEAN Stack Developer with 2.7 years of hands-on experience building and deploying full-stack web applications. I work with Angular, Node.js, Express.js, and MongoDB to develop both frontend and backend systems. On the backend, I build REST APIs, design database structures, and write server logic. On the frontend, I create responsive UIs using Angular, manage application state with NgRx, and handle asynchronous operations with RxJS. I'm comfortable working in Agile/SCRUM environments and focus on writing optimized, maintainable code.

## Skills

- **Frontend:** Angular, Typescript, React, RxJS, NgRx, JavaScript (ES6+), HTML5, CSS3, i18n
- **Backend:** Node.js, Express.js, REST API Development, CQRS Pattern, Event-Driven Architecture
- **Database:** MongoDB (Database Design, Query Optimization, Indexing, Aggregation Pipeline)
- **Tools & Practices:** Git, GitHub, Jest, Nx, ESLint, Agile (SCRUM)
- **Operating System:** Windows & Linux

## Education

**Institute of Management & Research, Jalgaon**

**Integrated MCA (Master of Computer Applications)**                         2018 - 2023

- CGPA: 8.50

## Professional Experience

**Software Developer - SynIT Solutions Private Limited, Pune**          **5/2023 – Present**

- Developed and maintained WOP m-ticket, a full-stack ticket booking platform with customer portal, admin dashboard, and booking management system
- Built RESTful APIs using Node.js and Express.js, implementing CQRS pattern to separate command and query responsibilities
- Created Angular components with Nx monorepo, managing complex state using NgRx and handling async operations with RxJS
- Worked with MongoDB for data storage, writing efficient queries and using aggregation for complex data retrieval
- Developed a static marketing site using 11ty (Eleventy) and Nunjucks templating to enhance online presence
- Improved application performance by optimizing database queries and implementing proper indexing strategies
- Translated UI designs from Figma into responsive, pixel-perfect web pages
- Implemented internationalization (i18n) to support multiple languages for global users
- Fixed bugs and resolved issues in production code, ensuring system stability
- Wrote unit tests using Jest and maintained code quality with ESLint rules
- Participated in Agile/SCRUM ceremonies including daily standups, sprint planning, and retrospectives
- Contributed to Blancreme e-commerce project, developing React frontend components and integrating with PHP backend APIs
- Gained exposure to PHP backend development while working on API integration and data flow

## Projects

**E-commerce Platform Development:**

- Full-featured app with authentication, product catalog, cart, and checkout.
- GitHub: [https://github.com/patilvaibhav45/angular-node-ecommerce-app](https://github.com/patilvaibhav45/angular-node-ecommerce-app)

**Personal Portfolio Website**:

- Developed a fully responsive personal website with HTML, CSS, JavaScript
- Live website: [https://patilvaibhav45.github.io/portfolio/](https://patilvaibhav45.github.io/portfolio/)