

Vivek Ajay Patil

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Github: [www.github.com/Vvek07](https://github.com/Vvek07) | LinkedIn: www.linkedin.com/in/vvek07 | Leetcode: [www.leetcode.com/u/Vvek112](https://leetcode.com/u/Vvek112) | Portfolio: <https://newport-wl9t.vercel.app/>

Summary

Passionate Computer Engineering student (B.Tech, 2026) with strong problem-solving skills (500+ LeetCode problems, 1900+ rating) and hands-on experience in building scalable AI-driven full-stack applications using Java, Python, React, Node.js, and cloud platforms. Skilled in Agile, CI/CD, and containerization with Docker; familiar with Big Data concepts and secure software development practices. Seeking to leverage coding expertise and innovative mindset as a Software Engineer Intern at JPMorgan Chase.

Projects

❖ CODESCRIBE | AI-powered Codebase Explainer (React.js, Node.js, MongoDB, OpenAI, Auth0)

- Developed a scalable full-stack platform that generates intelligent code explanations using GPT-4, enabling developers to onboard faster.
- Integrated Lang-Chain for optimized prompt chunking, improving explanation accuracy for large codebases.
- Deployed via Vercel & Render with authentication using Auth0 and database integration using MongoDB, ensuring secure access control.

❖ QUANTUMLEAP | AI Learning Platform + Chrome Extension (MERN, OpenAI API, Chrome API)

- Engineered an AI-driven e-learning platform that converts educational content into quizzes/flashcards in real time.
- Designed a Chrome Extension that auto-detects learning content and generates contextual quizzes on-the-fly.
- Ensured agile deployment, CI/CD readiness, and user sync using Firebase & Express.js, enhancing cross-platform usability.

❖ OMNIFOCUS | Productivity + AI Roadmap Planner (React.js, Node.js, GPT-4, Notion API)

- Built a personal productivity tool integrating AI recommendations for study/goal roadmaps.
- Implemented Trello-style agile boards, daily tracking, and real-time sync with Notion API.
- Delivered a responsive and modular system, applying secure REST APIs and cloud-ready deployment practices.

Skills

Languages: Java, Python, JavaScript, SQL

Development: React.js, Next.js, Node.js, Express.js, REST APIs, WebSockets

Databases: MongoDB, PostgreSQL, Firebase, Redis

Tools & Platforms: Git/Github, AWS, Docker, Linux, Jira, Postman, Vercel, Render

Practices: Agile, CI/CD pipelines, Application Resiliency, Security best practices

Other: OpenAI API, LangChain, Big Data concepts, Data Warehousing fundamentals

Education

KCE Society's College of Engineering and Management, Jalgaon

Bachelor of Technology in Computer Science

Expected Graduation: Jul 2026 | CGPA: 7.83 / 10.00

Achievements

- ❖ Runner-up – College-Level Hackathon (GCOEJ & Jain Irrigation Systems Ltd., Jalgaon)
 - Secured 2nd position at the Technical Hackathon Program conducted by GCOE, Jalgaon, in collaboration with Jain Irrigation Systems Ltd.
- ❖ Solved 500+ DSA problems on LeetCode (1900+ rating)
 - Built strong problem-solving skills with consistent participation in coding challenges; LeetCode rating up to 1900+.
- ❖ Campus Ambassador – Inter-College Tech Fest, DBATU Lonere
 - Represented my institute at a regional tech fest, promoted events, and led a team of 15 students for outreach and registrations.

Certificates

Data Visualization: Empowering Business with Effective Insights – Forage (Tata Group)

Solutions Architect Job Simulation – Forage (AWS)

Business Analysis & Process Management – Coursera (University of Illinois)