

Prathmesh Chavan

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Education

SSBT, College of Engineering and Technology

B.E in Computer Engineering

CGPA : 8/10

Relevant Coursework: Data Structures, Algorithms, Database Management, Software Engineering

Jalgaon, Maharashtra

Graduation: Dec 2021 – May 2025 (present)

Skills

Languages: JavaScript, TypeScript, Java, Python, C, SQL
Frameworks: Next.js, React.js, Node.js, Express.js.
Databases: MongoDB, PostgreSQL, Vector Search
Cloud: AWS (EC2, S3, ECS, EKS, SNS, Lambda, DynamoDB, RDS, IAM, Elastic Beanstalk)
Other: Git, GitHub, Docker, Kubernetes, Redis, Kafka, CI/CD, DevOps, Postman, Jira

Experience

OnlyMess [Link](#)

Founder and CEO

Jalgaon, Maharashtra

Jan 2024 – May 2024

- Ensured smooth operations and motivated the team to perform well under pressure.
- Optimized database queries, reducing response times by 30%.
- Managed the codebase, integrated new features, and leveraged AWS services to enhance application scalability and performance.
- Developed the frontend of the website using Next.js and the backend using Node.js, Express.js, and PostgreSQL.
- Worked with the marketing and sales teams and assisted them in the ideation process.

WeAreEngineer [Link](#)

Full-Stack Developer Intern

Jalgaon, Maharashtra

Dec 2023 – Jan 2024

- Developed a new responsive and intuitive user interface landing page using Next.js.
- Implemented robust server-side logic using Node.js and Express.js, optimizing server performance by almost 50%.
- Ensured a smooth and responsive user experience.

Projects

Learnium - Ai powered collaborative learning platform [Link](#)

- **Tech Stack:** Next.js, CosmoCloud Node.js, Express.js, MongoDB vector search, Firebase genkit, AWS (S3, EC2)
- Developed the frontend with Next.js, achieving a 95% performance score on Vercel using modular React coding pattern.
- Developed the backend using CosmoCloud (low-code microservice SaaS), reducing development time by 50%.
- Integrated Firebase Genkit for GenAI model functionality with a Node.js backend, using MongoDB vector search for AI responses data, improving data retrieval by 20%.
- Deployed the Node.js/Express.js backend on AWS EC2.

BitLords [Link](#)

- **Tech Stack:** Next.js, Node.js, Express.js, MongoDB, Cloudinary
- **Description:** Developed BitLords, a website to maintain and grow our college's coding club, enabling students to register, participate in competitions, access paid courses, and receive notices about upcoming events.
- **Achievements:**
 - 130+ students registered and joined the community within a week.

NPM Package for MongoDB Setup [Link](#)

- Created an NPM package to simplify MongoDB setup for Node.js developers.
- Package handles connection logic and reduces setup time by 50%.
- Implemented robust error handling and connection pooling.

Certifications

- Introduction to Java by Sololearn [Link](#)
- Java Intermediate by Sololearn [Link](#)
- Responsive Web Design by FreeCodeCamp.org [Link](#)