

# Prabin Sharma

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## Skills

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- **Languages:** Python, JavaScript, TypeScript, Golang, SQL
- **Back-End:** Django, Node.js
- **Front-End:** React.js, Tailwind, HTML, CSS, Bootstrap
- **Database:** PostgreSQL, SQLite3, MySQL, MongoDB
- **Others:** Docker, RESTful APIs, Microservices, Git, AWS, EC2, ECR, ECS, System Design, Redis, Redux, AI tools

## Experience

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**Software Developer** | [Zeomega](#) | Bengaluru

Mar 2024 - Present

- Developed an internal tool by leveraging tech stacks such as Jenkins jobs and Flask to identify impacted methods in a large codebase, improving developer efficiency by 15%.
- Collaborated with various teams and closely worked with clients to understand and implement their requirements.
- Guided newcomers in familiarizing themselves with the codebase, setup, analyzing problems, fixing them, and understanding the overall process.
- Delivered projects on schedule by adhering to agile methodology and sprint guidelines, contributing to a 15% improvement in project timelines.

**Software Developer** | [Roboprenr](#) | Bengaluru

Dec 2022 - Feb 2024

- Spearheaded full-stack development, introducing 20+ new website features to enhance functionality.
- Led a cross-functional team in implementing mission-critical initiatives, including a coding platform for competitions and a global search integration, resulting in a 30% increase in customer satisfaction.
- Enhanced user engagement by 25% through the user project showcase in the news feed, CRM system for lead tracking, automatic certificate generators, and user profile enhancements.
- Utilized Agile methodology to manage projects efficiently, improving project delivery speed by 20%.

## Education

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**North Eastern Hill University**, Shillong, India

Dec 2020 - Aug 2022

**MCA**

**CGPA: 9.20/10**

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Advance Data Structures and Algorithms

## Projects

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### AptiCode — Node.js, Go, Next.js, MongoDB, JWT, Redis, Redux, Docker, AWS

- Developed a highly scalable platform for coding and MCQ/MAQ practice, allowing users to compete in live tests.
- Deployed using a microservices architecture on AWS (ECS, ECR, Load Balancer).
- Features include secure execution of user code, admin login, Google OAuth, progress tracking, AI help, AI feedback and more.
- Website Link: [AptiCode](#)

### Real-Time Chat — Python, Django, Websockets, Asynchronous Programming

- Developed a real-time chat application using Django Channels and WebSockets for instant communication.
- Enabled user-friendly message management with features like message deletion, liking, delivery, and read status.
- Implemented Cassandra for message storage and PostgreSQL for user data to increase throughput and integrated Redis for tracking user online status, enhancing the overall chat experience.

## Awards and Certifications

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- **Received 3+ spot awards** for outstanding performance and timely delivery at Zeomega.
- **Mentor at Roboprenr:** Helping students to get better at Coding, Problem Solving.
- Completed the "Introduction to Machine Learning" course on Coursera.