

# Pratap Singh Chouhan

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[Portfolio](#) — [GitHub](#) — [LinkedIn](#)

## Work Experience

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### PlutosOne

January 2025 – Present

#### Software Engineer

New Delhi

- Developed a responsive analytics dashboard with real-time data filtering and interactive charts using **Next.js**, **Tailwind CSS**, and **Redux**, enhancing user experience and load performance.
- Led **BBPS integration** for **SBI Life Insurance** and **Muthoot Finance** using **NestJS**, **Docker**, **Kubernetes**, and **Bull Queue**—boosting **API performance**, **reliability**, and **TypeScript-based third-party integrations**.
- Developed **AES-256 encryption/decryption** logic and API integration for **Muthoot Finance** and **SBI Life Insurance**, ensuring secure data transmission and converting **XML** responses to **JSON** format for seamless processing.

### Bitontree

December 2023 – December 2024

#### Software Engineer

Ahmedabad, Gujarat

- Developed scalable full-stack apps supporting **500+ daily users**; architected **RESTful APIs** and **microservices**, reducing response times by **2s**.
- Automated **CI/CD pipelines**, improving release speed by **40%**; collaborated with cross-functional **Agile** teams.
- **PLSE**: Built **React.js/Chart.js** visualizations, reducing render time by **25%**; optimized backend, increasing load efficiency by **30%**; streamlined **Jest** testing, cutting manual effort by **50%**; deployed on **AWS**.
- **Telware**: Enhanced authentication with **JWT**, reducing login delay by **25%**; improved performance using **Redux**.

### Midinnings

November 2022 – November 2023

#### Software Engineer

Udaipur, Rajasthan

- Developed and maintained dynamic websites for diverse clients using the **MERN stack** (MongoDB, Express.js, React.js, Node.js) in a service-based environment.
- Collaborated with cross-functional teams to gather requirements, design responsive UI, and implement RESTful APIs, enhancing client satisfaction.

## Projects

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### E-Commerce Application

[Demo](#) - [GitHub](#)

- Engineered a full-stack e-commerce platform, enabling secure product browsing, cart management, and **PayPal payment processing**. Improved checkout success rate by **15%**.
- **Technologies**: React.js, Redux, Node.js, MongoDB

### Realtime Chat Application

[Demo](#) - [GitHub](#)

- Built a real-time messaging platform with **WebSocket** integration, ensuring low-latency communication. Boosted message retrieval speed by **40%**.
- **Technologies**: React.js, Redux, Node.js, MongoDB

## Technical Skills

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- **Programming Languages**: JavaScript, TypeScript, Python, Java, C++, SQL, GraphQL
- **Frontend Development**: React.js, Redux, Next.js, React Query, Material-UI, Tailwind CSS
- **Backend Development**: Node.js, Express.js, Django, SpringBoot, RESTful APIs, Microservices
- **Databases**: PostgreSQL, MySQL, MongoDB
- **Tools/Platforms**: GitHub, Docker, Jenkins, AWS, Apollo Server

## Education

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### Amity University

Noida, India

Bachelor of Technology (B.Tech) in Computer Science