

# Prashant Kumar Yadav

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## EDUCATION

- Indian Institute of Information Technology** Lucknow, Uttar Pradesh, India  
*Bachelor of Technology - Computer Science and Artificial Intelligence, GPA: 8.65* August 2023 - June 2027
- Kendriya Vidyalaya No. 1 Ferozepur Cantt** Ferozepur, Punjab, India  
*Intermediate, Central Board of Secondary Education, 94.5%* April 2021 - March 2022
- Kendriya Vidyalaya Faridkot Cantt** Faridkot Cantt, Punjab, India  
*Matriculation, Central Board of Secondary Education, 95%* April 2019 - March 2020

## EXPERIENCE

- UBIQCURE : Healthcare StartUp** Remote  
*Software Engineering Intern (Tech Lead)* August 2024 - November 2024
  - Full-Stack Platform Development:** Architected and deployed four web portals (Landing, User, Health-Management, School-Management), contributing to both frontend (React.js) and backend (Node.js/Express) with MongoDB, boosting project scope and performance.
  - Analytics Dashboard Creation:** Directed the development of a real-time analytics dashboard for KPI tracking, enabling data-driven decisions and optimizing workflows.
  - Optimized Cloud Infrastructure:** Streamlined CI/CD pipelines on Microsoft Azure, automating deployments and reducing deployment time by 60%.
  - Team Leadership:** Managed a team of 6+ developers, orchestrating project workflows with GitHub, Git branching, Jira, and Confluence, enhancing collaboration and boosting team productivity by 40%.

## PROJECTS

- Enterprise Ticketing System - Multi-tenant Support Platform** GitHub  
*Tech Stack: Bun, Elysia, Turso, HTMX, TypeScript* November 2024
  - Built a multi-tenant B2B SaaS application serving over 500 organizations, enhancing ticket resolution efficiency by 40%.
  - Integrated secure role-based authentication and automated CI/CD pipelines with GitHub Actions and Docker, maintaining 99.9% uptime.
- DeFi-Scholarship - Decentralized Scholarship Management Platform** GitHub  
*Tech Stack: React.js, Aptos Blockchain, Move, TypeScript, Langchain* November 2024
  - Pioneered a blockchain-based scholarship platform on the Aptos network, managing smart contracts for scholarship lifecycles and efficient fund disbursement.
  - Embedded an AI chatbot powered by Langchain and Mistral, cutting response times by 50%.
- PokeKnowledge - Interactive Pokemon Information Platform** GitHub  
*Tech Stack: TypeScript, React, Redux, Firebase, SCSS* June 2024
  - Developed a responsive and engaging platform for Pokemon information, reaching an audience of over 400 active users.
  - Integrated Google Authentication and Firebase for secure profile management and persistent data storage.

## ACHIEVEMENTS

- Earned the 'Pupil' rank on Codeforces with a highest rating of 1304.
- Reached a 4-star status on CodeChef, with a peak rating of 1910.
- Ranked 223rd globally in CodeChef Division 2 contests.
- Secured 3rd place in SuperMove Tour - dAppAthon, organized by Spheron, Aptos, and IBW2024 (October 2024).
- Contributed to Hacktoberfest 2024 and participated in GirlScript Summer of Code 2024.

## SKILLS

- Languages:** Python, Rust, C, C++, JavaScript, TypeScript, SQL, Bash, JAVA
- Frameworks:** React, NextJS, Node, Bun, Express, Django, Langchain, Flask, GraphQL
- DevOps Tools:** Docker, Kubernetes, Linux, GIT, GitHub, CI/CD, AWS, CloudFlare, Vercel
- Databases:** MySQL, PostgreSQL, SQLite, MongoDB, NeonDB, Drizzle, Prisma
- Platforms:** Firebase, Supabase, Appwrite, Cloudinary, Sanity

## ROLES AND RESPONSIBILITIES

- Member of Web Wing of AXIOS, The Technical society of IIITL** August 2024 - Present  
*Coordinated 10+ tech club development events for 240+ students.*
- Member of FOSS Wing of AXIOS, The Technical society of IIITL** August 2024 - Present  
*Led open-source workshops for 240+ students and promoted Hacktoberfest.*