

# ARMAN ALAM

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## Summary

As a passionate and experienced full-stack web developer with over **2 years of hands-on experience**, I've completed two internships. My experience includes working on front-end and back-end technologies, creating responsive web applications. I'm proficient in languages such as TypeScript, JavaScript, Java and have hands-on experience with frameworks & library like Next.js & React.js with Node.js and MongoDB database to building MERN Stack web applications. My strong problem-solving skills and eagerness to learn make me valuable asset to any development team.

## Skills

- **Languages:** TypeScript, JavaScript, Java
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Libraries:** React.js, Drizzle ORM, Neon, Tailwind CSS, Bootstrap
- **Frameworks/Tools:** Next.js, Express.js, Node.js, tRPC, Cloud Services, Git & GitHub
- **Soft Skills:** Critical Thinking, Problem-Solving, Effective Communication

## Work Experience

### NULLCLASS Edtech Private Limited

Aug 2024 - Nov 2024

#### Software Engineer Intern

- Developed and implemented a feature allowing users to create and manage groups, invite others, and search for existing groups. Implemented an encrypted private chat feature, enabling secure communication within groups.
- Incorporated video call functionality with screen sharing and recording options. Added a custom video player with gesture-based controls for enhanced user interaction.

### Xzect Labs Private Limited

May 2024 - Jul 2024

#### Full Stack Developer Intern

- Created a user-friendly A.I. Chat interface with the integration of Gemini model.
- Ensured efficient data retrieval and update processes to maintain high performance.
- Optimized the application for speed and scalability to handle large volumes of search queries.

## Projects

### Dev Overflow: A Q&A Platform for Developers: [LINK](#)

- User Authentication: Sign-Up/Login via email, Google, GitHub, & personalized profile pages.
- Q&A System: Rich text editor for posting questions and answers, with upvoting/downvoting system & supports Markdown, syntax highlighting for html, CSS, JavaScript, Java etc.
- Tagging & Categories: Keyword tagging and dedicated tag pages.
- Reputation & Badges: Earn reputation points and badges for contributions.

### Quirk Cart: E-commerce site: [LINK](#)

- Ensured secure user authentication via email & Google and communication using JWT, enabling seamless and safe transactions with Stripe Payment Gateway.
- Implemented a dynamic home page to display newly arriving items and an all-products page showcasing the entire product range.
- Created category-based filtering on the categories page for an enhanced user experience in finding products.
- Built an account management page for users to place orders and view their order history, along with a cart and Wishlist functionality.

## Education

### Government Engineering College West Champaran

Sep 2021 - Jul 2025

Bachelor of Technology in Electrical Engineering

## Certifications

- **Certified Web Developer** from STP Computer Education [LINK](#) **June 2, 2023 ~ 1 year**
- **Java:** certification from Infosys Springboard [LINK](#) **July 9, 2023**
- **DSA using Java:** certification from Infosys Springboard [LINK](#) **July, 2023**