Ayush Kumar Mishra

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EXPERIENCE

HashedIn by Deloitte   Mar 2023 - Present
Software Engineer 1   *Hyderabad, India*

- **Developed high-performance, scalable UI components**: Using React.js, DCL-UI, Tailwind CSS, and Storybook, ensuring 100% design consistency and reducing UI defects by **25%**.
- **Led the migration from Enzyme to React Testing Library**: Increasing test coverage from **60% to 88%** and establishing 100% coverage standards for functions, statements, and branches.
- **Designed and integrated a multi-region payment form**: Supporting Direct Debit, Credit Card, and Paymetric via React Form and iFrames, improving transaction success rates by **30%**.
- **Engineered a user-centric payment history interface module**: With featuring real-time updates using React, a tabular UI, and downloadable payment summaries, leading to a 15% increase in user engagement.
- **Enhanced application accessibility and resolved accessibility gaps**: By adhering to **WCAG guidelines**, optimizing semantic HTML and improving keyboard navigation, increasing compliance coverage and overall efficiency across the platform.
- **Integrated RESTful APIs seamlessly**: Ensuring efficient **data fetching**, caching, and state management using **Redux**, leading to a 20% improvement in app responsiveness.

Bajaj Finserv Health   Jan 2023 - Mar 2023
Front-End Developer Intern   *Pune, India*

- Enhanced the health library by upgrading the **location picker** and **search bar**, enabling users to efficiently find doctors and clinics based on their location.
- Developed using **TypeScript**, **Next.js**, **React.js**, and Emotion.js to ensure a scalable and performant frontend experience.

TECHNICAL SKILLS

Frontend:	HTML, CSS, JavaScript, **React.js**, Next.js
Backend:	**Node.js**, Express.js, RESTful APIs
Database:	MySQL, PostgreSQL, **MongoDB**
Tools:	Git, GitHub, Postman

PROJECTS

Art-Medium | React.js, Next.js, PostgreSQL, Tailwind CSS:

- Developed a scalable video streaming platform using **Next.js, React.js, and tRPC**, integrating real-time video processing with **Mux** and a dynamic video player with advanced quality controls.
- Integrated **AI**-powered features including **automatic video transcription, intelligent title/description generation, and smart thumbnail creation**, significantly enhancing user engagement and content discovery.
- Leveraged **PostgreSQL** with **DrizzleORM** for efficient data management, enabling fast and reliable querying and a seamless user experience with **custom playlist** management and watch history tracking.
- Implemented robust security features with authentication systems, designed with **TailwindCSS** and **ShadcnUI** for a responsive UI that ensures an intuitive experience across all devices.
- **Key technologies used:** React.js, Next.js, tRPC, PostgreSQL, TailwindCSS, ShadcnUI, DrizzleORM.

EDUCATION

Dr.Ambedkar Institute Of Technology | CGPA: 8.81   Bangalore
Bachelor of Engineering - Computer Science And Engineering   *Sept, 2019 - Aug, 2023*

ACHIEVEMENTS

- Achieved **Meta Front-End Developer Professional Certification**, validating expertise in modern web technologies.
- Certified in **JavaScript Security Specialization (Infosec) Certification**.
- Achieved **AWS Certified Cloud Practitioner** Certification with a score of 781/1000.
- Ultimate Milestone Achiever in **Google Cloud Facilitator Program** - Jun, 2021.