

# Bhavesh Verma

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## EXPERIENCE

### Software Engineer Intern

Ekalakaar

August 2023 - October 2023, Mumbai, India

- Automated data extraction tasks using Python and Selenium to retrieve course information such as names and links from sites like Udemy, saving over 90% of the time compared to manual efforts.
- Played a key role in decision-making by recommending Firebase for authentication, resulting in an 80% reduction in authentication time.
- Implemented Redis caching for hot queries, reducing access time by over 90% and significantly improving user experience.
- Decoupled image processing tasks using Amazon SQS workers, resulting in a 40% reduction in server load, thereby decreasing latency by 30%.

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## PROJECTS

### Movies App

[movies-app-client-psi.vercel.app/](https://movies-app-client-psi.vercel.app/)

- Previously, there wasn't a good application available to browse movies and TV shows across various streaming platforms like Netflix and HBO Max. This app addresses this gap, enabling users to search and explore movies and TV shows regardless of the streaming platform.
- I developed a Movies App using React, Redux Toolkit, TypeScript, Material UI, Node.js Express, and Tailwind CSS. The primary task was to seamlessly integrate these technologies to deliver a user-friendly and efficient application. Challenges included managing state with Redux Toolkit, ensuring type safety with TypeScript, and maintaining a cohesive design using Material UI and Tailwind CSS. Despite being the sole developer, I successfully navigated these challenges to create a polished and technically proficient movie application.

### Shopping App

[github.com/Bhaveshverma2077/shopping-app](https://github.com/Bhaveshverma2077/shopping-app)

- This is a full-stack web shopping application designed to provide users with a seamless shopping experience. Leveraging modern technologies and best practices, this application offers a feature-rich environment for browsing, selecting, and purchasing products online. From user authentication to order management, every aspect is carefully crafted to ensure efficiency, security, and convenience.

### Portfolio

[portfolio-2vug.vercel.app/](https://portfolio-2vug.vercel.app/)

- This portfolio website, built with React.js, Next.js, and Tailwind CSS, offers a straightforward design with three main pages. The About page provides insights into my background, while the Projects section showcases my past work. Lastly, the Skills page details the areas in which I excel.

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## EDUCATION

### Bachelor of technology in computer science and engineering

Bundelkhand University • Jhansi, India • 2024

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## SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, Dart

**Web Development:** HTML, CSS, React, Tailwind, Next.js, Node.js, Express.js, Sockets, WebRTC, Redux, GraphQL, Apollo GraphQL

**Database Management:** PostgreSQL, MongoDB

**Tools and Technologies:** Git, Linux, Bash, Docker, AWS

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