

DEV SHAH

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Summary

Software Engineer experienced in building scalable React applications and migrating legacy systems. Successfully transitioned a government-scale healthcare platform from AngularJS to ReactJS, enhancing load times and overall scalability by improving component modularity. Proficient in JavaScript and committed to clean, maintainable code, with a solid foundation that supports integration with backend services and cloud-based solutions.

Education

University of Illinois Chicago

B.S.E., Computer Science, Concentration in Software Engineering, Minor in Mathematics

Mar 2022 - Mar 2025

Chicago, IL

Work Experience

Argusoft

Software Engineer Intern

Jul 2024 - Sep 2024

Gujarat, India

- Led the front-end migration of MedPlat from AngularJS to ReactJS by leveraging Redux and optimizing bundling, which improved load times by 10% and enhanced application scalability.
- Collaborated with 5 cross-functional developers to implement modular React components and integrate RESTful API endpoints with a PostgreSQL and Java backend, contributing to a 5% increase in user satisfaction.

University of Illinois Chicago

General Office Aide

Jun 2023 - May 2025

Chicago, IL

- Processed over 500 student, faculty, and staff ID cards using secure campus systems, reducing processing time by 20% through efficient workflow management and accurate data entry.
- Managed Dragon Dollar\$, Flames Fare, and meal plan programs, assisting users in real-time account updates and resolving access issues for 300+ campus members.
- Delivered high-volume front-desk and phone support, ensuring strict compliance with ID Center policies while maintaining confidentiality in a security-sensitive environment.

University of Illinois Chicago

Intramural Sports Official

Apr 2023 - Jul 2023

Chicago, IL

- Officiated 15+ competitive intramural games, applied official rulebooks, and made decisions to ensure safety and fair play.
- Led pre-game orientations and conflict resolution sessions for teams of up to 10 participants, contributing to a 15% increase in positive feedback and a 15% decrease in reported disputes.

Projects

Faceway (Kiosk Face Recognition Application) | [Code](#)

Mar 2025 - Jun 2025

SparkHacks25

Chicago, IL

- Developed a React.js + face-api.js-based face recognition system for kiosk login and point-system rewards; achieved 99.9% uptime with offline-ready features.

WeatherGenie (Real-Time Weather Forecasting Platform) | [WeatherGenie](#)

Mar 2025 - Jun 2025

Uncommon Hacks

Chicago, IL

- Built a personalized weather web app using React, Node.js, and OpenWeather API; integrated live Arduino sensor data and ML for hyper-local predictions on www.weathergenie.us using Email: ard001@weathergenie.us and Password: ARD001admin.

TaskFlow (Customizable Task Management App)

Sep 2024 - Dec 2024

University of Illinois Chicago

Chicago, IL

- Developed a React-based task management app with drag-and-drop UI, real-time feedback, and color-coded dashboards; focused on user-centered design and category-based organization.

GenVars (Security Assessment & Generative AI Analysis) | [Code](#)

Sep 2024 - Dec 2024

University of Illinois Chicago

Chicago

- Led security audit using GPT-2 and manual pen testing; detected 100+ system flaws and deployed PoLP, patch automation, and SOC 2-compliant controls.

Skills

- Programming Languages:** C, C++, Java, JavaScript, Python, HTML5, CSS, SQL, TypeScript
- Front-End & UI:** Angular, React, Vue.js, Next.js, Tailwind CSS
- Back-End & APIs:** Node.js, Express.js, Django, Rest APIs, GraphQL
- Databases:** MongoDB, SQL, PostgreSQL
- DevOps & Cloud:** CI/CD, Docker, AWS
- Tools & Methodologies:** Git, Agile Methodology, Visual Studio, Arduino, Product Management

Certificate

- Social/Behavioral Research Investigators and Key Personnel:** Social/Behavioral Research Investigators, CITI Program (ID: 65387052, Credentials)
- Argusoft Certificate:** Internship Certificate – Argusoft India Ltd. (Jul-Sep 2024, Credentials)