


Rohan Kumar

Hayward, CA |  | rohankumar534280@gmail.com | [LinkedIn](#) | [GitHub](#) | [Personal Portfolio](#)

Summary

Aspiring Full Stack Engineer with a solid foundation in software engineering and hands-on experience as an Undergraduate Learning Assistant. Skilled in web development technologies such as React, Node.js, and Typescript, and proficient in debugging and optimization. Successfully guided students in developing coding skills, enhancing their project outcomes. Eager to leverage technical expertise and passion for full stack development to contribute to innovative projects.

Education

California State University East Bay

Bachelor of Science, Computer Science

Aug 2021 - May 2025

Hayward, California, USA

- **GPA:** 3.9
- **Achievements:** Dean's List (All Semester)
- **Coursework:** Data Structures, Algorithms, Operating Systems, Database Architecture, Mobile Development, Web Development, Artificial Intelligence, Security and Info Assurance, Computer Networks

Skills

- **Programming languages:** Python, C++, C, Java, JavaScript, Kotlin, MIPS Assembly
- **Web Development:** HTML, CSS, React, Next.js, Typescript, Node.js, TailwindCSS
- **Version control:** Git, Github
- **Database Management:** MySQL, SQLite, PostgreSQL
- **Tools and IDEs:** VSC, Eclipse, Jet Brains, Android Studio, Docker

Software Development Projects

Chess | [link to Deploy](#)

- Developed a custom interactive chess frontend using React, JavaScript, and CSS; integrated Stockfish.js as an AI opponent and deployed the application via Netlify.

Piano Notes Quiz | [link to code](#)

- Developed a piano quiz app in Java with Android Studio to help musicians practice pitch recognition, a virtual keyboard and configurable settings.

Shooting Game | [link to code](#)

- Developed a 2D shooting game in Kotlin using Android Studio.

Banking System | [link to code](#)

- Collaborated with a team of four to develop a client-server banking application in Java using TCP/IP networking.

Argumentative AI | [Link to code](#)

- Developed an argumentative AI web app using JavaScript, HTML, and CSS, integrating with an API, as part of a four-person team.

Professional Experience

CSUEB

Jan 2023 - May 2025

Undergraduate Learning Assistant

Hayward, CA

- Provided one-on-one guidance to students on computer science projects, with a focus on debugging and optimization.
- Assisted students in developing coding skills and offered support in problem-solving.
- Facilitated the understanding of complex concepts, leading to improved student performance and project outcomes