

# Raja Hassan Zafar

Email: [HassaanZafar3@gmail.com](mailto:HassaanZafar3@gmail.com) | LinkedIn: [hassanz-](#) | GitHub: [HassaanZafar-2021](#) | Portfolio: [RajaHassanZafar.com](#)

---

## Software Engineer

Software Engineer with a strong foundation in full-stack development, computer vision, and AI-powered applications. Proven experience building production-ready systems using JavaScript and Python, integrating machine learning models, and delivering user-focused solutions under real-world constraints. Hackathon-winning developer with teaching experience and a practical, results-driven mindset.

## Technical Skills

- **Programming Languages:** Java, Python, C, JavaScript, HTML, CSS, PostgreSQL
- **Frameworks & Libraries:** React, FastAPI, Flask, Node.js, Express

## Education

- **B.S. Computer Science** – Oregon State University
- **B.S. Business Management** – Stony Brook University
- **Full-Stack Coding Bootcamp Certificate** – University of California, Irvine

## Work Experience

- Retail Associate: Target** Oct 2019 – Present
- Delivered high-quality customer service to 300+ customers per shift in a fast-paced environment.
  - Collaborated with cross-functional teams to meet operational and performance targets.
- Freelance Web Developer: A&R Hardware Store** Mar 2025 – May 2025
- Designed and deployed a responsive e-commerce website using HTML, CSS, and JavaScript.
  - Improved online user engagement by 100% and expanded the client's digital footprint.
- Coding Instructor: Coding Minds Academy** Apr 2022 – Jul 2024
- Taught Java, Python, Unity, and Roblox development to 30+ students across multiple cohorts.
  - Authored 50+ custom lesson plans, raising student CS proficiency by ~75%.

## Technical Projects

- Mira | [Repo](#)** Nov 2025 – Nov 2025
- Built a real-time computer vision application to assist blind and visually impaired users with object and threat detection.
  - **Role:** Frontend Developer
  - **Stack:** React.JS, Python, Machine Learning, FastAPI, Computer Vision, Gemini API
- AutoTrust | [Repo](#)** Feb 2025 – Feb 2025
- Engineered an NFT-based vehicle ownership platform, enabling 100+ blockchain transactions.
  - **Role:** Full-Stack Developer
  - **Stack:** React, Solana, Rust, TypeScript, FastAPI, MongoDB, Anchor, IPFS
- AI Web Extension | [Repo](#)** Feb 2024 – May 2024
- Developed a real-time text extraction & AI response tool that increased user engagement by 30%.
  - **Role:** JavaScript Developer
  - **Stack:** JavaScript, OpenAI API, Chrome Extensions, HTML, CSS

## Awards & Honors

- **Hackathon 1st Place**, Google Notebook LM Track – “Vocal Vision” (Text-to-Video AI, Oct 2024)
- **Hackathon 1st Place**, Solana Blockchain Track – “AutoTrust” (Feb 2025)
- **Hackathon 2<sup>nd</sup> Place**, Education Track – “SATistics” (Nov 2025)
- **Best Hackathon Domain Name/Branding Award** (Oct 2024)