Anirudh Ahuja - Software Developer

Los Angeles, CA / ani.ahuja219@gmail.com / 805-418-0997
Portfolio: ahuja.dev / GitHub: github.com/anirudhahuja / LinkedIn: linkedin.com/in/anirudhahuja

Versatile Software Developer with expertise in full-stack development and a strong foundation in Python, JavaScript, React and Node.js. Experienced in building responsive web applications and optimizing system performance across diverse industries. Committed to delivering high-quality solutions that enhance user experience and drive business value.

SKILLS

• Python • JavaScript • Java • React • Node.js • TypeScript • Vue • Angular • CSS • HTML • SASS • GIT • SQLite • Postgres • MySQL • Redux • Docker • AWS

EDUCATION

B.S. Computer Science
University of California, Santa Cruz / 2016 – 2020

PROFESSIONAL EXPERIENCE

DataAnnotation Tech

Software Developer (Remote / Aug 2023 – Current)
- Reviewed AI-generated responses to coding prompts for quality, accuracy, and adherence to user requirements, ensuring deliverables met client expectations and improved user satisfaction by 25%.
- Provided detailed feedback on AI outputs to improve their performance and reliability, resulting in a measurable 15% decrease in error rates over six months.
- Ensured consistently high-quality outputs by identifying and addressing recurring issues in AI-generated content, leading to a 10% improvement in overall output consistency.

   (Java, Python, React, Node.js, CSS/HTML, JSON, Docker, SQL)

Farmers Insurance

Software Developer (Los Angeles / Aug 2020 – Feb 2023)
- Developed an Express.js web application to optimize internal API performance, achieving a 75% reduction in POST request processing times and enhancing application responsiveness.
- Streamlined QA processes and reduced release cycle effort by 40 man-hours per release, ensuring timely and error-free deployments with a 15% decrease in post-release issues.
- Maintained project integrity and met deadlines by collaborating effectively with both offshore and onsite team members, leveraging Scrum methodology to ensure a smooth release process and proactively resolve any potential errors, resulting in improved project delivery efficiency and reduced last-minute revisions.
- Coordinated with cross-functional teams to ensure seamless integration and deployment of API enhancements, increasing system reliability by 30%.

   (Java, React, Node.js, Express, CSS/HTML, Postman, Git)

Software Developer Intern (Los Angeles / Jun 2019 – Aug 2019)
- Designed a proof-of-concept application to notify Farmers agents of critical updates, with an estimated potential increase in customer retention of 15%.

- Developed a front-end web application using ReactJS, streamlining the process of editing policies in the Farmers database and reducing data modification times by an average of 20%.

  (React, Python, Flask, CSS/HTML, Twilio, Git)

Community Bridges Nonprofit

Software Developer Intern (Santa Cruz / Aug 2020 – Dec 2020)
- Integrated a streamlined user survey experience into the production WordPress site, reducing user onboarding time by 20%.
- Facilitated effective collaboration by coordinating one-on-one discussions with stakeholders, minimizing team overhead and consolidating high-level project details for future steps.

  (Python, WordPress, KoboCollect)

PROJECTS

Fitness RPG Web Application (Los Angeles / Nov 2024 – Present)
- Designed and developed dynamic user interfaces with React Bootstrap, integrating RPG mechanics to create a highly interactive fitness tracking experience.
- Built scalable backend services using Node.js, enabling real-time tracking of fitness activities via APIs.
- Architected and maintained database schemas with Cloudflare's D1 SQL database to securely store user progress and game-related statistics.
- Developed a comprehensive nutrition tracker that integrates external APIs, allowing users to log consumed food items and track nutritional information effectively.
- Enhanced user engagement and retention by gamifying fitness progress through level-ups, quests, and rewards systems.

  (React, TypeScript, Node.js, Cloudflare, CSS/HTML, JSON, Git)

Caltech AI and Machine Learning Bootcamp (Caltech, Pasadena / Oct 2022 – Feb 2023)
- Engineered a practical recommendation engine for books in Python, leveraging user-based and item-based collaborative filtering techniques to deliver personalized recommendations based on similar user interests.
- Developed a model using TensorFlow and Python to accurately discern and classify traffic signals from photos. Leveraging the powerful architecture of convolutional neural networks, the model was accurate in identifying and categorizing traffic signals.

  (Python, PyTorch, TensorFlow, OpenCV)

A Drop of Delight Fundraiser (Los Angeles / July 2019 – Sept 2020)
- Spearheaded the development of a comprehensive website using Node.js and React.js for a high-profile fundraiser charity stream in collaboration with the organization Just a Drop.
- Implemented a solution to host images and static assets on a dedicated content delivery network, thereby enhancing the website's speed and responsiveness.
- Integrated donation tracking features to monitor progress towards the $10,000 goal, providing real-time updates to participants and donors.
- Collaborated with team members to integrate social media sharing functionalities, increasing campaign visibility and engagement.

  (JavaScript, React, Node.js, AWS Amplify, CSS/HTML, Streamlabs API, Git)