

Ased Karim

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EDUCATION

University of California, Riverside

Bachelor of Science in Computer Science with Business Applications

Riverside, CA

Aug 2021 – June 2024

EXPERIENCE

Software Developer

March 2024 – Present

Genbai.ai

Remote

- Assisted lead developer in the process of a Kanban board application with Ai integration, focusing on front-end enhancements and ensuring that the design and functionality aligned with the application's goals.
- Contributed to the design and implementation of the AI-driven feature HIRO AI assistant, focusing on enhancing user interaction and project management within the Genbai app. Utilized natural language processing (NLP) and machine learning algorithms, integrated via RESTful APIs, to interpret user inputs, provide contextual guidance, and generate dynamic project management insights.
- Achieved a 50% reduction in AI response time and a 30% increase in processing efficiency, resulting in a 60% adoption rate among users. The HIRO AI assistant has been selected as a featured innovation and will be showcased at the Global AI Summit in Riyadh 2024.
- Created and implemented new front-end solutions using React and TypeScript leading to improved user interaction and a more consistent design across the application. Additionally, utilized Docker and PG Admin to manage backend data effectively, ensuring seamless integration and enhancing the application's overall performance resulting in a 40% increase in front-end load performance and a 20% decrease in API response times.

Full-Stack Software Engineer Intern — non-fungibletax.com

June 2023 – September 2023

Crypto Reporting

Remote

- Collaborated with a team at an online tax firm to develop a web app for automated tax calculations of stock, crypto, and NFT holdings. Achieved a 20% increase in user engagement, as evidenced by Google Analytics metrics, and a 30% reduction in processing time, verified by AWS CloudWatch performance monitoring.
- Designed and implemented the signup process and integrated payment methods for user convenience (AWS Cognito, AWS Amplify, React.js, Stripe, Bitpay).
- Constructed a flexible payment plan system and ensured its smooth communication with the user interface (AWS Lambda, Python, AWS API Gateway).
- Created a database pipeline to maintain records of user purchases and corresponding payment plans (AWS DynamoDB).

Computer Science Tutor

August 2022 – December 2023

Sharper Minds Academics

- SME in delivering lesson plans for introductory computer science concepts, including data structures, algorithms, and object-oriented programming.
- Creating and maintaining course materials, including slides, handouts, and programming exercises, to support student learning and engagement.

PROJECTS

Task Scheduler | *C++* | Task Scheduler

June 2022

- Led a scrum team as a Scrum Master and successfully developed a task scheduler to improve daily task management and organization.
- Crafted, created, and executed a customized user interface for the front-end, resulting in a streamlined and user-friendly experience. Applied advanced programming techniques, including the use of nodes and pointers, to successfully resolve memory leak issues

TECHNICAL SKILLS

Languages: C/C++, Java, Python, React.js, JavaScript, HTML/CSS, Assembly, LaTeX, Git, AWS, Verilog, Jira,
Relevant Coursework: Data Structures / Algorithms, Software Construction, Object Oriented Programming, Assembly Language / Machine Architecture, Discrete Structures, Information Retrieval, Big Data Base Management, Artificial intelligence