

Hassan Mango

hmango77@gmail.com | [Portfolio](#) | [LinkedIn](#) | [Github](#)

- Open Source Contributor & Front-end Developer with 3+ experience in building user-centric web applications, optimizing performance, software development and collaborating with cross-functional teams & developers
- Ranked 4th in the world for “The 10 shortest solutions (all languages)” on CodingKattis DragonMaid.py

EDUCATION

BSc degree in Computer Science

Graduated June 2024

Minor: Finance

Knox College, USA

Relevant Coursework: Software Engineering, Database Systems, Data Types and Algorithms, Software Development, Machine Learning, Artificial Intelligence, Software Testing, Statistics, Linear Algebra w/Computational Applications, Accounting I, Accounting II, Intermediate Accounting, Managerial Finance

Languages: English (*Fluent*), Arabic (*Fluent*), Portuguese (*Intermediate*), Spanish (*Intermediate*)

STACK & TECHNICAL SKILLS

Programming: JavaScript, TypeScript, HTML, CSS, Python, Rust, Solidity, C, Java, SQL, Bash, Swift

Frontend: React, Next.js, Angular, Vue.js, Bootstrap, TailwindCSS, jQuery, Flask

Backend: Node.js, GraphQL, REST, MongoDB, PostgreSQL, Flask, ChromaDB, Solidity, Python

DevOps & Cloud: Vercel, Docker, AWS, Azure, Netlify, Terraform, CRON, GitHub, Jira, Artillery

Design & Tools: Figma, Spline, Framer, Sanity, Redux

EXPERIENCE

Software Engineer Intern

2022- 2023

Wajeez - Amman, Jordan

- Refactored React Javascript components styling with Bootstrap, enhancing quality, usability and speed
- Executed Postgres Prisma queries to server side SQL queries to handle high traffic scenarios
- Integrated auth0 and AWS Cognito user auth for custom user roles, feature management, and A/B testing

Front End Developer

2020 – 2021

Clear Profits DM - Monmouth, Illinois

- Built user event analytics for 5+ clients using Vercel, and Google Analytics to monitor user count, event replays, and monitor/update entries within the content management system (per client)
- Implemented responsive pages mobile-based features using Next.js, Javascript, and TailwindCSS
- Integrated Postgres database with Stripe to store transaction ids, user purchases, and create user roles

Data Analyst Intern

2018 - 2019

IBM - Amman, Jordan

- Worked with Oracle and PL/SQL to design, develop, and optimize database queries and structures
- Designed HTML pages to display and analyze data trends, supporting the Corporate Development Team
- Practiced SQL for data querying and jQuery for interactive data visualizations

SIDE PROJECTS

[Links by Hassan Mango](#) | Typescript, React, Next.js, Prisma, PostgreSQL, HTML/CSS, TailwindCSS

- Built a Linktree clone that allows users to create personalized social, quality commercial and affiliate link hubs
- Leveraged advanced state management and server-side rendering techniques with Next.js to ensure a smooth and performant user experience across all devices
- Enhanced the user interface with HTML, CSS, and TailwindCSS for a modern and intuitive design
- Utilized Java for backend logic and integration for efficient data handling and scalable backend operations

[Courses-as-a-Service Platform](#) | Next.js, React, Javascript, Firebase, Bootstrap, Stripe

- Used Javascript and Bootstrap to develop and deploy Next.js web application to deliver soccer-specific courses including workouts and drills that were updated weekly
- Created robust auth and payment processing systems using Stripe and Auth0, ensuring secure transactions and seamless user onboarding. Generating 3,750+ users and selling 150+ courses