HECTOR DARIEL MEDINA

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SKILLS & CERTIFICATIONS

Technical Skills: React JS Linux, AWS cloud computing, TypeScript, Python, JavaScript, JSON, SQL, Java, C++, AI, APIs
Additional Languages: English (Native), Spanish (Native)
Certifications: Python For Everybody (Getting Started with Python), Python Data Structures, Using Python to Access the web, Python Classes, and Inheritance

PROFESSIONAL EXPERIENCE

Amazon Web Services, Boston, MA   Jun. 2022 – Nov. 2023
Software Developer Engineer L4 – Sept. 2022 – Nov. 2023
- Demonstrated exceptional individual contribution on the HARP project, leveraging AWS CLI, Varia, and Mechanic CLI to optimize incident mitigation and enhance Oncall experience.
- Managed system tickets and executed runbooks, efficiently restoring customer file systems.
- Coordinated the deployment of new HM/AMI instances across diverse regions and pipeline stages.
- Investigated customer-generated tickets, adhering to runbooks, and innovating to restore file system availability.
- Actively participated in team efforts to address complex issues, support product management, and mitigate challenges.
- Initiated and documented the deprecation of an operational tool, proposing optimal transition strategies.
- Mentored new engineers, providing thoughtful code review and guidance in designing features.

Software Developer Engineer L4 (Intern) – Jun. 2022 – Sept. 2022
- Managed the FSx console project, enhancing UI and functionality for an improved customer experience.
- Resolved console bugs to improve performance, reduce breakage, and address customer-reported issues, enhancing UI/UX.
- Proactively monitored cross-regional deployments to ensure smooth progression through all pipeline stages.
- Explored console issues, identified bugs, and devised effective mitigation strategies to improve product stability.
- Led sprint demos for projects, presenting progress and updates to the team and stakeholders.

Hack.Diversity, Boston, MA   Dec. 2021 – Aug. 2022
Hack.Diversity 2022 Fellow/ Ops Lead
- Accepted into the 2022 Hack.Diversity Fellowship, a program integrating Boston's innovation, corporate, civic, academic, and philanthropic sectors for career leadership and workforce development.
- Transformed client requirements into technical specifications, developing a robust MERN stack web application.
- Designed MongoDB schema and implemented a data access service for accurate CRUD operations.
- Developed and deployed front-end architecture to support user interface concepts with 100% accuracy.
- Engaged in weekly stand-ups, collaborated with QA, and applied Agile methodologies, increasing productivity by 60%.

Spectrus, Beverly, MA   May 2019 – Aug. 2019
Software Engineer (Intern)
- Performed in-depth analysis of a web application tailored for biochemist engineers, enabling features such as sample viewing, project updates, history access, and client invoicing.
- Assisted in leading sprint planning and stand-up meetings to define project requirements, prioritize goals, and deliver solutions, leading to a 40% increase in productivity.
- Utilized expertise in planning and designing logical and relational database models using MySQL, ensuring optimal data management and system performance.

PROJECTS

Hack.Diversity Software Engineer Tech Dive Project, Boston MA   Dec. 2021 – Feb. 2022
Full-Stack Developer/ Ops Lead
- Led a team of 8 developers to implement CRUD operations, creating an efficient and scalable web application for medical practitioners to review patient records, update examination information, and analyze patient trends.
- Facilitated stand-up meetings to track project progress, discuss complex technical issues, foster team collaboration on challenging problems, and motivate teams towards rigorous problem-solving.

EDUCATION

Suffolk University, Boston, MA   May 2022
Bachelor of Arts in General Studies; Concentration in Physical Science
- **Clubs:** Computer Science Club, Commuter Student Council, Suffolk African American Student Council
- **Relevant coursework:** Data Structures and Algorithm, Data Science, Python, Object-Oriented Programming