Larry La

(626) - 532 - 5397 | larryquocla@gmail.com | linkedin.com/in/lqla/ | github.com/larrylaa | larryla.me

EDUCATION

California State Polytechnic University–Pomona   Pomona, CA
Bachelor of Science in Computer Science   *Graduation Date: May 2027*
- GPA: 3.63 – Relevant Coursework: Java Programming, Discrete Math, Calculus

TECHNICAL SKILLS

Programming Languages: Javascript, Python, Java, C#, SQL, HTML/CSS, VBA, PowerShell
Frameworks/Libraries: NodeJS, ExpressJS, ASP.NET, AWS SDK (Boto3), React
Databases/ORMs: PostgreSQL, Microsoft SQL Server, Prisma
Tools/Methodologies: AWS, Github, Git, VS Code, Visual Studio, Jira, Agile
Certifications: AWS Certified Solutions Architect Associate, AWS Certified Cloud Practitioner

EXPERIENCE

Information Technology Intern   May 2024 – Present
Desco Industries Inc.   *Chino, CA*
- Enhanced the internal email list management system by refactoring ASP code to support multiple email additions/removals within a single form submission, resulting in a 30% increase in user efficiency
- Automated external sales representative email contact and list management within Microsoft 365 by using PowerShell scripts to pull updates from a SQL database, saving sales and IT teams 10 hours annually
- Utilized ASP and VBA to develop an internal tool for automating the process of annual bonus data entry from CSV files into an SQL database, enhancing payroll efficiency
- Refactored and revived a legacy employee forgot/reset password page on the company's intranet using C# and the ASP.NET framework

Software Engineer Intern   June 2023 – September 2023
Metal Toad   *Remote*
- Developed a Python REST API on AWS Lambda, leveraging the AWS SDK Boto3 library to enable dynamic JSON data manipulation and retrieval directly from S3 buckets
- Leveraged AWS Lambda and CloudWatch Logs to identify, troubleshoot, and promptly resolve production-level bugs, ensuring uninterrupted service and timely hotfix delivery
- Spearheaded the RPGMatch project's API unit testing effort using PyTest, achieving a 72% coverage increase, while also authoring documentation for project sustainability
- Provisioned AWS Lambda functions and API Gateway configurations with Terraform to support API endpoints

PROJECTS

Icebreak | *NodeJS, ExpressJS, Prisma ORM, PostgreSQL, Jest, Git, Redis*   September 2023 – Present
- Contribute to the development of Cal Poly Pomona Software Engineering Association's mobile app, Icebreak—a platform fostering organization-member interaction via a central hub for member management and event updates
- Developed CRUD API routes for organization management utilizing Express.js, leveraging Prisma ORM to interact with PostgreSQL
- Engineered backend API routes to facilitate the password reset workflow for users on the platform, incorporating JWT authentication and Redis token blacklisting for enhanced security
- Utilized Jest and Prisma Mock to create unit tests, ensuring the quality and reliability of API routes

Cloud-Hosted Personal Website | *AWS, Javascript, HTML/CSS, Git*   November 2023 – January 2024
- Engineered a responsive personal website utilizing Javascript and HTML/CSS and hosted it on AWS to take on the Cloud Resume Challenge by Forrest Brazeal
- Hosted using AWS S3 for static website hosting, Route 53 for DNS management, and CloudFront for global content delivery, ensuring optimal performance and low-latency access
- Developed a Python REST API within AWS Lambda that triggers and increments the visitor counter on each site visit, storing the visitor count in DynamoDB
- Implemented a Python REST API in AWS Lambda to handle contact form submissions, utilizing AWS SES for automated email notifications with submission details