Dung (Julia) Ha

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EXPERIENCE

Developer – Application and Cloud Specialist | Procellis Technology, Inc.   12/2022 – Current
- Led a team of 2, developed a web application using Flask, Jinja2, jQuery and REST API to automate bulk ticket creation and update, cut down 50% ticket creation time, increased management efficiency.
- Developed a web application using Django, jQuery and AWS services such as RDS, EC2 to effectively manage internal policies.
- Built a desktop application using Tkinter, LDAP, Microsoft Graph API, multi-threading and AWS services such as Cognito and DynamoDB to scan and collect reports about internal networks.

Software Developer On-Call | Procellis Technology, Inc.   08/2021 – 12/2022
- Developed web dashboard using Dash, MongoDB, Panda, Docker and multi-threading to asynchronously update information, reduced 70% time in generating business reports and monitoring KPIs.
- Developed mobile applications using Flutter and AWS Cognito to boost internal productivity.
- Utilized MVVM pattern, reviewed, debugged, tested and merged codes to the main codebase.

EDUCATION

Metropolitan State University, Bachelor of Science in Computer Science (Graduated Dec 2022)   GPA: 4.0
Accomplishments: Dean's Lists, Academy of Math and Science Scholarship,

PROJECTS

To-do List | React Native, JavaScripts, Hooks React, AsyncStorage   Github
- Led a team of 7 people, built a To-do List application using React Native, AsyncStorage and hooks like useState.
- Organized SCRUM meetings, reviewed progress and sprints, helped teammates understand new code changes, reviewed, revised and coordinated codes.
- Gathered idea and contributed in designing the application UI using Figma

Wordle Telugu | PHP, HTML, CSS, Bootstrap, JavaScripts, MySQL   Github
- Led a team of 5, contributed to the open-source, non-profit Wordle Telugu project by adding 10 new features to the game such as importing words, exporting reports, caching previous games in the browser and share screenshots of the game when the players win.
- Refactored codes, extracted methods and constants to remove 80% of duplicated codes and potential bugs.

Shelter Tracker | Java, MySQL, JavaFX, Android   Github
- Developed an Object-oriented desktop and mobile app to track animal shelter, allow parsing JSON and XML files
- Led a team of 4, organized codes using Layer Architecture and Data Mapper ORM
- Refactored codes using Polymorphism Responsibility Pattern, Singleton pattern, replaced constructor with Factory method to enable low coupling.

Game Store | ASP.NET, C#, Blazor   Github
- A web application using ASP.NET for backend and Blazor for front end to manage games in a game store.

Weather App | Kotlin, Rest API, Hilt, Jetpack Compose   Github
- Developed an Android application that displays the weather for user's current location by fetching real-time data from Open Weather API

SKILLS

- Languages: Python, Java, C, C++, C#, Dart, JavaScript, PHP, Swift, R, Kotlin, HTML, CSS
- Framework/ Library: React Native, Flutter, jQuery, Bootstrap, Jinja2, Dash, Flask, Django, Panda, Numpy, ASP.NET
- Database: SQLite, MySQL, MongoDB, MariaDB
- Web Services: AWS Cognito, AWS DynamoDB, AWS RDS, AWS EC2, Docker, Jenkins

AWARDS AND CERTIFICATIONS

- Certificate: Cisco DevNet Professional, Cisco DevNet Associate, Cisco IoT, AWS Cloud Practitioner
- Award: Won the ticket to Google Code Jam to I/O for Women 2020, 2nd prize in Vietnam National OI 2012