John Dobrota

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EXPERIENCE

PROJECT MANAGER | Gesher Group
Jan 2019 - June 2019 | University of California, Santa Cruz

- Led a team of 4 engineers to coordinate with Garcon, a Silicon Valley based startup in the service industry to build their iOS app in Xcode, using the MVC architectural pattern.
- Orchestrated weekly meetings and established clear lines of communication with the client to promote a cohesive team in a collaborative and efficient setting while nurturing a lasting relationship with the client for future collaboration.
- Implemented sign-in functionality with FirebaseUI and laid the foundation for the UI design of the app.

CO-FOUNDER / SOFTWARE ENGINEER | Gesher Labs
April 2017 - December 2018 | University of California, Santa Cruz

- Developed Gesher Labs, a computer science division of a pro-bono, student run business consulting group, Gesher Group who works with clients such as Disney and GoPro, at UCSC.
- Implemented and provided infrastructure and technical solutions for Gesher Group members recruitment and communication.

PROJECTS

WEECHAT Jan 2020 - Feb 2020

- Developed a ASP.NET MVC chat app in C#.
- Used SignalR 2 to implement real time messaging for online users through private channels and to notify users of impending responses.
- Backed by Azure SQL Database and OWIN integration for user authentication and deployed on Azure Cloud App Service.

GO RESTFUL API Oct 2019 - Present

- Created and containerized a RESTful API in Golang using Gorrila Mux package as the web framework.
- Deployed the application as a service inside an ECS container cluster using the EC2 launch type.
- Frontended the application with an ELB to load balance requests across multiple containers.

SOCIAL WEB APP December 2017 - June 2018

- Built a compact social web application with Node.js and JWT token authentication.
- Designed frontend with Angular v.4+ and backend with Node.js, MongoDB and ExpressJs.
- Hosted website on Amazon Cloud, on the AWS S3 service and deployed backend Node.js app on Heroku.

GESHER WEBSITE December 2017 - June 2018

- Integrated Google API's to store applicants' data into a private google account.
- Added email functionality with customized response upon membership application submission.

EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
BA in Computer Network
Minor in Computer Science
June 2019 | Santa Cruz, CA
Baskin School of Engineering

LINKS

Github:// beswick
LinkedIn:// johndobrota

COURSEWORK

UNDERGRADUATE
Computer Systems and C Programming
Algorithms and Abstract Data Types
Logic Design
Data Structures
Computer Architecture
Advanced Computer Networks
Operating Systems
Network Programming
Comparative Programming Language
Advanced Programming
Mobile Applications

SKILLS

LANGUAGES
Java • Go • C • Javascript
SQL • HTML • CSS • C# • C++

RELATED TECHNOLOGIES
Docker • AWS •ASP.NET MVC
ReactJS • Node.js • ExpressJS •
Firebase • Heroku • MySQL
iOS • Android • Git • Azure SQL
MongoDb