Young H. Koh

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Team-Oriented Software Developer with Military Background.

SKILLS

Front-End: HTML | CSS | Javascript |Bootstrap
Back-End: Ruby | Ruby on Rails | RSpec | SQL | postgreSQL | GraphQL
Others: Excel | Tableau | CircleCi | AWS | S3 | EC2 | ECS | Docker | Interpersonal Relationships

PROJECTS

Platebook | [Repository](#)
Tech: Bootstrap, Ruby, Rails, RSpec, OAuth, Continuous Integration, AWS(S3, EC2, ECS), Docker, Swagger
- Implemented Service Oriented Architecture to decouple front-end and back-end components.
- Integrated Google OAuth 2.0 for robust user verification (registration, login, SSO).
- Deployed application utilizing AWS, Docker, and CircleCi.
- Achieved 99% test coverage by utilizing VCR to generate stubs.

Viewing Party | [Repository](#)
Tech: Ruby, Rails, RSpec, Github, HTML, CSS, postgreSQL
- Implemented a Model-View-Controller design pattern, ensuring separation of responsibilities.
- Developed routes and actions following RESTful conventions, employing advanced routing techniques.
- Employed partials to streamline and reduce repetitive view logic.
- Achieved 100% coverage of unit/integration tests.
- Optimized testing speed by 90% through the utilization of stubs.
- Effectively utilized ActiveRecord to reduce read/write operations by 60%.

EDUCATION

Turing School of Software and Design   **Jul 2023**
Certificate of Completion, Back-End Engineering   *Denver, CO*
- 1500 hours of programming experience over a 7-month intensive, ACCET-accredited software development program.
- Developed 15+ web applications in a back-end engineering capacity.
- Utilized Ruby, Ruby on Rails, HTML, CSS, and postgreSQL to complete independent and group projects.

University of Colorado   **Dec 2022**
BS Business Administration, Concentration in Information Systems   *Denver, CO*
- Cum laude, 3.6 GPA
- Completed Coursework: Project Management and Practice, Enterprise Data/Content Management, System Strategy Architecture and Design, Programming Fundamentals with Python, Designing for the Web

EXPERIENCE

United States Navy   **Nov 2019 – Oct 2021**
Gas Turbine Systems Technician (Electrical)   *Rota, Spain*
- Operated electrical plant and propulsions control equipment to maintain mission readiness.
- Performed preventive maintenance on circuits, engines, digital data, and auxiliary equipment.
  - Weekly PMS fulfilled in strict accordance with MRC.
  - Performed with a spot check success rate of 100%
- Performed monthly work area inspections to ensure adherence to Navy standards.
- Led training related to tag-out procedures and safety to reduce department tag-out violations by 15%.