Pitchayarasm Kunghae

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SUMMARY

Fast learner, hard worker, and a team player. Looking for a role to grow my experience and a great enthusiastic engineering team to work for that will provide me with challenging and interesting work.

WORK EXPERIENCES

Abbott Laboratories
Engineer I, Remote Care Operations
September 2020 – Present

As a Remote Care Operations Engineer, I am working under limited supervision, primarily accountable for providing engineering support and relevant data in response to inquiries from various clinics, physicians and clinicians, health care professionals, patients and field staff for remote care products lines – Merlin.net, Merlin@Home, CardioMEMS, myCardioMEMS – Android and iOS mobile applications, ICM, ConfirmRx – Android and iOS mobile applications, and Next Gen Implantable Cardiac Defibrillator – Electronic Health Record(EHR) Integration.

Responsibilities

- Working and collaborating with cross-functional teams developing and executing tests, performing root cause analysis and participating in investigations. Also making presentations to internal/external customers, vendors, and senior management.
- Managed the validation and operations tasks for web-based software release and hardware releases for remote care operations on staging and production environments.
- Experience with relational databases, NoSQL databases, formal software development methodologies, and source code management.
- Involved in data analytics for Abbot's Electrophysiology and Heart failure products as well as on behalf of clinics, test automation and tool development.
- Experience with Electronic Health Record(Infor Cloverleaf) Integration. Work with clinics and vendors to deploy/upgrade EHR systems.
- Identifies uses the most effective, cost efficient and best practices to execute processes
- Working within a team and as an individual contributor in a fast-paced environment.

Artium
Software Engineer Apprentice
July 2019 - January 2020

As a software engineer apprentice at Artium, I began learning a modern agile approach to iterative software development. I began practicing TDD in a team pairing environment. I was exposed to a lot of different technologies and ideologies in a short period of time. I worked on a few teams for different clients during my time there.

Responsibilities

- Agile
  - Worked with user-centered stories with clear acceptance criteria
  - Participated in team retrospectives and iteration planning meetings
- Test-Driven Development (TDD)
  - Began practicing TDD using Jest, Enzyme and Cypress was exposed to testing in Typescript, JavaScript and Python

- o   Worked in environments using CI and automated deploys (CircleCI)
- SQL
  - o   Worked on a reporting tool that helped me gain experience in writing/debugging database queries
- CSS/HTML/JS/Node.js/Express
  - o   Built a marketing website as well as some HTML based reports and Responsive Web Design
  - o   Google Analytics, Xcode, Git
- React
  - o   Built prototypes, learning about Hooks
- AWS Services
  - o   Exposed to various AWS services (S3, Athena, etc) while working on a data warehousing project
- Project Responsibilities
  - o   Worked with Rollo to create a company website that increased traffic and company presence
  - o   Collaborated with the Starz team on a data warehousing initiative
  - o   Built Artium website (Responsive Web Design)

EDUCATION
Full Stack Web Development, 2019
University of California of Los Angeles (UCLA) Extension

Mechanical Engineering
Bachelor's Degree, 2014-2017
Asian University of Science and Technology

ACADEMIC PROJECTS
#Project1: Kindeready,
- KindeReady is a web-based application, geared toward preparing students for entry into kindergarten. Through both, teacher-led and student-driven activities.
- Technologies: HTML5, JavaScript, CSS, jQuery, MySQL, Sequelize.js, Express, Express-Session, Bcrypt.js.

#Project2: Tripper
- Tripper is a social media application that allows users to share photos and tell the stories behind their travel destinations.
- Technologies: React, JavaScript, CSS, SASS, Materialize, Axios.js, Bcrypt.js, NoSQL database (MongoDB), Mongoose, Express, Passport.js, socket.io, Express-Session, Gridfs- Stream.

#Project3: Google Book Search,
- Google book search is a MERN application that allows users to search for books using the Google Books API and save any book to a database. Users can also delete any saved books.
- Technologies: React, JavaScript, CSS, Axios.js, NoSQL database (MongoDB), Mongoose, Express.