Hyun Lee (Henry)

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SKILLS

- Javascript
- Typescript
- CSS
- NodeJS
- React
- HTML

- Redux
- CI/CD
- Docker and Kubernetes
- MYSQL, PostgreSQL
- AWS SQS/SNS
- Project Management (PMP cert.)

- REST API
- Micro Service
- Git version control
- Agile Development
- Unit Test (Jest)
- Shell script

WORK EXPERIENCE

Northwestern Mutual Software Engineer   **June 2021 – Current**

- Led the modernization of a 20-year-old desktop underwriting platform to a cloud-based web application using agile methodology. Increased volume of life insurance products to 80% from 20% since joining the team.
- Successfully implemented all assigned features as tech lead for multiple AIP Target items, leveraging expert project management experience. (2022 – 3 main features, 2023 – 4 main features, 2024 – 4 main features)
- Led the story refinements, planning, and releases using the project management experience.
- Designed and developed 7 Micro-services using RESTful APIs to deliver data to UI and other dependent teams. Created corresponding architecture diagrams for all micro-services.
- Migrated some of the RESTful services to AWS SQS/SNS event based architecture. This resulted in improved error rates for policy creation, approval, and email delivery.

CrucialTrak Software Engineer / Product Specialist   **April 2019 – April 2021**

- Designed and developed a middleware desktop application using ElectronJS and RESTful APIs to integrate with Genetec's access control software. The application automated user data synchronization between CrucialTrak's on-prem MSSQL database and Genetec's on-prem database.
- Developed a full stack web application to manage CrucialTrak's Inventory. The company was previously using spreadsheets to track demo devices, which resulted in losing approximately 10 – 15 units per year at a cost of $65,000 annually.This application significantly reduced device loss and improved inventory management efficiency. Technologies Used: React, Material-UI, Node.Js (Express), PostgreSQL, and Heroku Cloud.
- Led the Product team on over 10 projects, providing technical support to clients and managing project costs and schedules.

eTEC E&C Project Management Engineer   **November 2012 – October 2018**

- Led the project team in building Document Control System using waterfall methodology. Managed project scope, schedule, and cost.
- Successfully delivered the DCS (Document Control System) development on time. Company started to store all the drawings, calculation sheets, and construction related documents in Cloud service instead of storing hard copies.

CERTIFICATION

- PMP (Project Management Professional) – Certificate#: 2151959

EDUCATION

DigitalCrafts - Full-Stack Web Development Certificate   **January 2020 – July 2020**

Syracuse University - Bachelor of Science in Supply Chain Management & Marketing   **September 2007 – May 2012**