



BYOUNG HUN MIN (BRIAN)

SOFTWARE ENGINEER



London, United Kingdom



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LINKS

Website:
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SKILLS

GO

JAVASCRIPT / TYPESCRIPT

JAVA

PYTHON

REACT

NODE JS

DJANGO

HTML / CSS

MYSQL, POSTGRESQL

MONGODB

AGILE / SCRUM DOCKER

KUBERNETES

JENKINS

UNITY

ACTIVITIES

SENIOR PROGRAMMING TUTOR

UCL

Sep 2020 - Apr 2021

PROGRAMMING TUTOR

UCL

Sep 2019 - Apr 2020

IT DIRECTOR

UCL Korean Society

2016-17, 2019-20

WORK EXPERIENCE

AMERICAN EXPRESS

London
Nov 2024 - Present

Senior Software Engineer

- Mentoring and leading a team of engineers to build and maintain internal UI applications with React, Typescript and NodeJS
- Spearheading system architecture design for new initiatives

AMERICAN EXPRESS

London
Jun 2022 - Nov 2024

Software Engineer

- Set the foundations for UI development by publishing best practice guides and onboarding documentation
- Resolved production issues involving hotfix deployments and PostgreSQL remediation scripts
- Recipient of the 2024 Centurion Award for outstanding achievements and leadership over the year

AMERICAN EXPRESS

London
Sep 2021 - Jun 2022

Technology Graduate Engineer

- Worked on event-driven microservices at scale with Go, Kafka, Kubernetes, BDD and automated testing

AMERICAN EXPRESS

London
Jul 2020 - Aug 2020

Summer Technology Intern

- Built a UI module with predictive search dropdowns, collapsible panels, infinite scrolling and lazy loading to improve UX

FLOWVERSE

London (remote)
Mar 2023 - Present

Technical Advisor / Lead Developer (contract)

- Built the Flowverse NFT marketplace and smart contracts on Flow blockchain with React, NodeJS, Python, MongoDB and Cadence
- Built the Color NFT marketplace on Story blockchain with React, Go, MongoDB and Solidity
- Built an EVM-chain indexer, event processor and scheduler to drive the backend system for the NFT marketplace

TOPOLAR

Seoul
Jun 2019 - Sep 2019

Software Developer (contract)

- Built a cross-platform application that allows instructors to remotely teach students through real-time screen sharing
- Integrated WebRTC and Websockets with React, Electron and RobotJS for real- me screen sharing, remote desktop control and voice chat
- Created a REST API with Django Rest Framework and deployed on Ubuntu dedicated server with NGINX, Docker

EDUCATION

UNIVERSITY COLLEGE LONDON (UCL)

2015~2021

MEng Computer Science

Graduated with First Class Honours

Interrupted study between 2017~2019 to serve national duty in the Republic of Korea Marine Corps

PROJECTS

Open-Source Project
Oct 2020 - Present

react-edit-text

- Created and actively maintaining an open-source project that provides a lightweight editable text component for React
- 4500K+ weekly downloads, 325K total downloads on NPM

Master's Project
Sep 2020 - Apr 2021

Uniworld

- Built a 3D real-time virtual space platform for university events
- Used Unity, C#, React, Azure, and Serverless NodeJS

Core Features:

- Real-time communication and interaction via animated avatars
- 3D embedded presentation slides
- Customisable environments via 360-degree images and videos

Personal Project
Nov 2020

Job Trackify

- Built and deployed a platform where users can manage and organise job applications, notes, and interview processes in an interactive Kanban board
- Used React, Typescript, Redux, NodeJS, Express and MongoDB
- Open-sourced boilerplate code for the backend stack