Martin Tsang

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EXPERIENCE

Freelance Software Engineer   Feb 2023 – Present
Asynk AI
- Implemented job search application using Java, Typescript, Springboot, Nodejs, React and Redux
- Designed and developed resume builder with multiple templates, real-time preview features
- Integrated ChatGPT Open API to optimize resume suggestions including automated summary generation and enhanced experience descriptions

Software Engineer   Mar 2022 – Jun 2023
Apoidea
- Developed bank statement analysis service using Python, Typescript, Nest, MySQL, and MongoDB.
- Implemented Business logic and rules for accurate data representation and analysis.
- Enriched quota service by adding subscription plan, reverse quota, and available quota check features
- Automated analysis status updates notification to the client using event emitter
- Achieved a test case coverage exceeding 80% to maintain the software product's quality and dependability

Software Engineer   Jun 2021 – Feb 2022
P L Technology Limited
- Created full-stack student loan platforms using Python, Typescript, react, django and postgresql
- Designed and implemented an Admin Dashboard to monitor and streamline user loan applications and approvals
- Integrated CI/CD pipeline with AWS CodeDeploy and CodeBuild for enhancing the software development process

Web developer, Part time   Mar 2021 – May 2021
Technine
- Collaborated with the development of e-commerce platform using Nextjs and MariaDB
- Designed and Implemented blogging system integrated with rich text editor to facilitate content creation

Deep Learning Engineer, Intern   Jul 2020 – Sep 2020
R2C2 Limited
- Implemented rock classification models using Python and Pytorch

EDUCATION

City University of Hong Kong
Bachelor of Engineering in Information Engineering   *July 2017 – July 2021*

PROJECTS

Gamehub   *June 2021 – Present*
- Developed an online platform for buying and selling used console games using Typescript, Java, Springboot, React, styled-component

Polytasy   *Jan 2021 – Jul 2021*
- Built a GameFi platform on Polygon, empowering gamers to earn rewards using Typescript, Solidity, Java, Springboot, React, SCSS

TECHNICAL SKILLS

Languages: Java, Python, SQL, Typescript, JavaScript, HTML, SCSS, CSS
Frameworks: Next.js, React.js, Node.js, Nest.js, Django, Springboot
Developer Tools: Git, Docker, AWS, VS Code, PyCharm, IntelliJ, Eclipse