

Joy Peng

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🔗 portfolio: joy-yujieng.xyz

Education

University of St Andrews MS in Computing and IT	2023 Sep – 2024 Aug St Andrews, UK
Wuhan University BA in Digital Publishing GPA: 3.81 / 4.0	2019 Sep – 2023 Jun Wuhan, China

Skills

- Programming Languages: JavaScript, TypeScript, HTML, CSS, Python
- Libraries & Frameworks: React, Vue, Next, Node, Express, MongoDB, Tailwind CSS, Framer Motion
- Tools & Platforms: Git, Github, Postman, Vercel, Jira, Figma, Webpack, Jenkins

Work Experience

NIO Power Co.,Ltd ✉ Frontend Intern	2022 Aug – 2022 Dec Wuhan, China
<ul style="list-style-type: none">• Developed NIO's third-generation station list and detailed information pages using Vue3, TypeScript, and Baidu Maps API.• Added an administrator function to the Task Wizard, optimizing permission management; independently developed the scheduling page for the company's internal alert platform.• Collaborated effectively with product managers, testers, and other developers in a Agile environment managed by Jira, consistently delivering results within bi-weekly sprints.	
Big Data Institute, Wuhan University Frontend Intern	2022 May – 2022 Jul Wuhan, China
<ul style="list-style-type: none">• Developed and maintained Finknow, a Financial Knowledge Graph Query and Analysis Platform using umi (React framework) and Ant Design Pro UI framework.• Utilized graphin, a React toolkit for graph analysis based on G6, to develop an Equity Network Penetration Graph, enhancing data visualization capabilities.	

Projects

Breddit - A fullstack reddit clone https://github.com/Codefreyy/Breddit	2024 May – present
<ul style="list-style-type: none">• Developed using Next.js, TypeScript, and Tailwind CSS with infinite scrolling and advanced caching (Upstash Redis)• Integrated Google authentication (NextAuth) and custom feeds for users• Enabled optimistic updates and modern data fetching (React-Query)• Designed a functional post editor with image uploads, link previews, and nested comments	
Social Running - Coursework Project https://github.com/Codefreyy/social-running	2024 Apr – 2024 May
<ul style="list-style-type: none">• Led a team of 6 to develop a platform for planning and organizing running events with support for user authentication, using HTML, CSS, Vanilla JS, MongoDB, and Node.js technologies.• Implemented detailed run planning, scheduling, and interactive map integration using Mapbox.• Created interactive running lists, participation, comments and user statistics, and integrated real-time weather forecasts and running recommendations based on user preferences.	