Yuchen(Raina) Pan

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TECHNICAL SKILLS

Front-End | JavaScript, TypeScript, React, Redux, Next.js, HTML5, CSS3, TailwindCSS, Bootstrap
Back-End | Node.js, Express, Postgres, MongoDB, MySQL, Firebase, RESTful APIs
Testing/Deployment | Jest, React Testing Library, WDIO, AWS: EC2, Docker, NGINX, Jenkins
Others | Agile methodologies, Git, Github, NPM, Postman, Jira, SourceTree

PROFESSIONAL EXPERIENCE

Cvent | Associate Software Engineer | Dallas, TX (Hybrid)   Jan 2024 - May 2024
- Developed and maintained dynamic web application using TypeScript, React, and Next.js, integrating with Java backend microservices across 3 epics, ensuring high performance and user satisfaction
- Collaborated with cross-functional team to upgrade and organize the project's E2E test package, enabling successfully automation testing and improving overall product quality
- Upgraded a shared API call package used utilized by 5 teams for data fetching by identifying and resolving a critical bug in the API call functionality through backend Java code analysis
- Participated in an Agile environment using Scrum software development practices, proactively join the daily standups and retrospective meetings, creating and updating Jira tickets to track project progress and resolve issues

Freelance Full-stack Developer | Chicago, IL   Aug 2023 - Dec 2023
- Designed and developed custom websites for small businesses using TypeScript, React, Next.js, and Firebase, delivering each project within 2 months
- Set up CI/CD pipelines with GitHub Actions and Firebase Hosting, streamlining the deployment process and reducing release times
- Built and maintained APIs and backend services with Google Firebase cloud services, enhancing the scalability and reliability of applications
- Engaged with client to gather requirements, translate business requirements into tailored solutions and ensure the alignment of project goals with business needs

Galvanize Inc | Software Engineering Immersive Resident | Chicago, IL   Mar 2023 - Jul 2023
- Provided mentorship to 60+ students in Javascript toolkits, offering code reviews, debugging assistance, and resolving complex technical issues
- Conducted 1:1 office hours on tech fundamentals, supporting in developing their technical skills

China CITIC Bank | Senior Mortgage Loan Specialist | China   Jun 2011 - Jul 2018
- Conducted interviews with 100+ clients and managed loans totaling $15 million USD monthly

SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

JobCompass | Full-stack Developer | *Repo Link* | *Site* | *TypeScript, React, Tailwind, Firebase*   2023
- Developed a web application to track job applications, showcasing full-stack development skills
- Designed and created reusable Tailwind styled React components, increasing code readability
- Implemented a serverless Node.js backend using Google Firebase Functions, reducing operational complexity and enhancing productivity

BiteShare | Full-stack Developer | *Repo Link* | *React, Node, MongoDB, MUI, GIT*   2023
- Built a mobile-first web application for bill splitting in a 6 developer agile team with React, Node and MongoDB, ensuring responsive and user-friendly interfaces
- Utilized Jest and React Testing Library to achieve over 70% test coverage, ensuring software quality and performance

Atelier | Backend Developer| *Repo Link* | *Node, Express, Postgres, NGINX, Docker, GIT*   2022
- Processed 35+ million records in Postgres reducing query latency from 7000ms to < 1ms
- Designed RESTful APIs for the Q&A , achieving < 10ms response time during stress tests
- Deployed with Docker and scaled API to handle 8000 RPS with <20ms latency and 0% error rate using NGINX

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Certificate   2023
Hunan University | BA in Radio & TV Broadcasting | Law minor   2011