PAN PAN

Location: Redmond, WA | Remote | Hybrid within a 50-miles of Great Seattle Area
Contact: (425)542-2855 | mailbox.pan@gmail.com

OBJECTIVE

Software Developer with 10+ years of experience delivering user-centered digital solutions for companies like Microsoft and Nokia. Proficient in HTML, CSS, TypeScript, React, and modern frontend technologies, with expertise in cloud computing (AWS, Azure) and GenAI/LLMs tools.

EXPERIENCE

FULL STACK UX DEVELOPER   REDMOND, WA, US
FREELANCER   *6/2023 -CURRENT*

- Designed and developed a customer-centric, responsive website using React, Tailwind CSS, and TypeScript for the frontend, with Redux for state management, Next.js as the frontend framework, and Express as the backend server.
- Managed SQL database, integrating it with AWS Lambda and S3 via a REST API.
- Designed UX and UI and implement website for 5+ customers, utilize GenAI/LLMs with Figma, ComfyUI.
- Translate design into pixel-perfect website with React & TailwindCSS and informative animations with Framer.

◈ *Skillset: Typescript, React, TailwindCSS, Redux, Framer-motion, Next.JS, Vercel, Figma, Google Analytics, AWS lambda, S3, LLM/ComfyUI*

COVID EXPERIENCER   BEIJING, CHINA
FAMILY CARER & VOLUNTEER   *1/2020-1/2023*

- Family Care. Volunteer for community care for a residential area of over 5,000 residents.
- Developed a WeChat Mini Program using WXML, JavaScript, integrating Tencent OCR API, WeChat Cloud Database (NoSQL) and js-xlsx for Excel export and printing. Allowing 100 daily registrations.

◈ *Skillset: Coordination & Logistics, WXML, Javascript, Tencent OCR API, NoSQL, Node.js*

LEAD FRONTEND DEVELOPER / UX DESIGNER   HELSINKI, FINLAND
ALLER MEDIA   *12/2016-6/2019*

- Led upgrading the frontend to React using a progressive migration strategy while implementing Express as a mid-layer REST API to stabilize and coordinate the Nginx-backed backend.
- Optimized loading speed & reduced white screen by redesigning UI and implementing React lazy loading, preloading, code splitting, and skeleton screens, increasing user retention rate by 35%.
- Utilized modern development practices, including CI/CD automation with Jira, Git, Agile framework, code reviews, and test automation, to enhance efficiency and code quality by 30%
- Responsible for UI component development & enhancement, i18n, WCAG AA compliance, 200+ components, interactive inputs, animations, sorting, navigation.

◈ *Skillset: HTML, CSS, Javascript, React, Express.js Docker, Nginx, PHP, MariaDB(SQL), Jest, i18n WCAG Standard, Bitbucket, UX design, Figma*

CEO   HELSINKI, FINLAND

STARTUP   *4/2016-12/2016*

- Led a team of four in developing a gamified driving behavior detection system using computer vision, securing €10,000 in funding.

◈ *skillset: Business development, communication, presentation, leadership, prototyping*

SOFTWARE DEVELOPER   HELSINKI, FINLAND

MICROSOFT   *1/2013-4/2016*

- Developed a CMS using jQuery, Angular, and Bootstrap, collaborating with 10+ departments across 3 countries to implement mobile factory design requirements, development, and testing.

- Collaborated with the backend to build a Python/Django framework, implementing MVC architecture and REST API to integrate with an Angular frontend.

- Enhanced AngularJS UI component library by restructuring Bootstrap source files, leveraging SCSS for modularization, reducing CSS errors and file size by 70%.

- Facilitated UI and frontend team collaboration, translating requirement analysis into functional development, and providing real-time execution assessments.

- Implemented TDD development, achieving 100% code coverage with Karma for unit testing and TestComplete for web UI automation testing.

- Implemented dashboard UI role-based access control (RBAC) by integrating GraphQL and JWT authentication, securing API requests, and restricting UI elements and routes based on user roles.

◈ *Skillset: HTML, Javascript, JQuery, Angular, SCSS/SASS, Bootstrap, Karma, Django, Python, Balsamiq, Visual Studio, GraphQL API*

SOFTWARE DEVELOPER   TAMPERE, FINLAND

NOKIA   *6/2006-12/2013*

- Developed Nokia S60 Message Center using Symbian C++

- Developed Nokia Ovi Suite. Built a cross-platform user system with Qt XML and Qt C++.

- Adopted Agile methodology and served as Scrum Master, managing development workflow with Bitbucket, Jira, and Git for version control.

◈ *Skillset: Symbian C++, Qt XML, Qt C++, Visual Studio, Git, Jira, Agile, Scrum Master*

EDUCATION

MASTER OF SCIENCE IN USER INTERFACE SOFTWARE DEVELOPMENT

University of Tampere | Tampere, Finland   2003-2008

MASTER OF SCIENCE IN MULTIMEDIA TECHNOLOGY AND VIRTUAL REALITY

GROEP T - Internationale Hogeschool Leuven Leuven | Beijing, China   2002-2003

BACHELOR OF SCIENCE IN INDUSTRIAL AUTOMATION ENGINEERING

Beijing University of Technology | Beijing, China   1998-2002

CERTIFICATIONS AND LEARNING

Google AI Essentials – Gained foundational knowledge of generative AI, Large Language Models (LLMs) and practical applications.

Google Project Management: Professional Certificate   10/2024 -CURRENT

SKILLS

Languages	Javascript, Typescript, HTML, SCSS/SASS, Python, PHP, C++
Technologies	React, Node.js, Next.js, REST API, Angular, Docker, AWS, lambda, S3, Express,REST API, GraphQL API, SQL, NoSQL Webpack, Figma, Copilot, ComfyUI, ChatGPT

VOLUNTEERING AND SOCIAL WORK

REDMOND SENIOR AND COMMUNITY CENTER   6/2024-CURRENT
Tech Help, Front Desk Coordinator, Recording Secretary of Senior Advisory Committee

PTSA, ELEMENTARY SCHOOL   9/2023-CURRENT
Class Helper, Web Admin

LANGUAGE

Mandarin Chinese	fluent, native
English	Fluent, professional
Finnish	Basic, conversation

INTEREST AND SPARE TIME

Family Carer, Snowboarder, Badminton Player, Gardener, Traveller, Youtuber

LINKS AND OTHERS

Portfolio	pan-dev.com
LinkedIn	www.linkedin.com/in/panpanpan
Youtube	@红颜如玉 (AI Generated Video)