Sung H. Powley

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portfolio: https://pixelmesh.dev/

SUMMARY

Experienced and adaptable software developer seeking a position in web development, leveraging a strong foundation in technologies such as React.js, Three.js and 3D.

Extremely interesting in creating webXR experiences (immersive-VR and mixed reality)

Recent focus on online training in cutting-edge frameworks and practical application in portfolio projects.

LANGUAGES / TECHNOLOGIES

webXR (react-three/xr), react.js + javascript / HTML / CSS, three.js, node.js
java, android, libGDX, C++, cocos2d-x, Box2D
Active Server Pages ("classic ASP"), Oracle 9i/10g, SQL Server, microcontroller programming

SOFTWARE TOOLS

VS Code, Android Studio, Chrome Developer Tools, Visual Studio, Blender

EDUCATION / TRAINING

Three.js Journey by Bruno Simon (online training)
https://threejs-journey.com/certificate/view/30668

NodeJS - The Complete Guide by Maximilian Schwarzmüller (online training)
https://www.udemy.com/certificate/UC-3d84de85-3c07-423f-bf50-83d707881a7b/

React - The Complete Guide 2023 by Maximilian Schwarzmüller (online training)
https://www.udemy.com/certificate/UC-b49f1f39-aeda-46ad-9ab0-5218dd1b86d2/

Blender 2.8 The complete guide from beginner to pro by Julien Deville (online training)
https://www.udemy.com/certificate/UC-4506ee3c-8eff-4f3e-a42b-1cda5c5d85a1/

Learn Blender The Right Way! by Gustavo Rosa (online training)
https://www.udemy.com/certificate/UC-a09d5ecb-16d7-4c12-9107-2809d83096cd/

Collin College | Plano, Texas
Certificate Software Design - C++ Track

Virginia Polytechnic and State University | Blacksburg, Virginia
Bachelor of Science in Electrical Engineering

Tech Skills | Dallas, Texas
Oracle 9i/10g + Linux training and certification

CERTIFICATIONS

CompTIA Linux+ | Oracle 10g OCP | Microsoft MCSD | Siebel Certified Consultant

EMPLOYMENT HISTORY

Android Indie Developer | PXLmesh, LLC | https://www.pxlmesh.com | 2020-2024
- Develop and publish Android live wallpapers on Google Play under PXLmesh, LLC.
- Live wallpapers are *3D interactive* and developed using *libGDX/Java* with 3D models created in *Blender*.
- Google Play developer page: https://play.google.com/store/apps/dev?id=7623722857728643207

NISGTC Programming Tutor | Collin College | Frisco, Texas | 2014-2016
- Assist students with assignments related to Android, Web (HTML5, Mobile, JavaScript, jQuery), C++, and Java.

Configuration Specialist, Expert Services Group | Oracle/Siebel Systems, Inc. | Dallas, Texas | 2000-2004
- Performed software reviews on enterprise applications configuration, scripting and EAI.
- Led team conference calls, client software escalations, on-site assistance and in-house engineering projects.
- Acted as Expert Services Scheduling Manager (Americas), scheduling reviews and on-site engagements.

Lead Internet Developer | Jobs.com | Las Colinas, Texas | 1999-2000
- Played key role in migrating a SCO/Unix-based internet job board to a hosted, scalable, "n-tier" architecture.
- Responsibilities included database design, middle-tier development, server-side application coding (classic ASP), client-side development (HTML + JavaScript), usability, scalability testing, QA, and rollout.
- Team and individual development projects including Resume creation, Job Search, and Job Search Agent.

Software Consultant | Technium, Inc. / Alliance Consulting Group | Dallas, Texas | 1998-1999
- Developed applications to automate business processes and update several client-server applications.
- Ported inventory control systems from Visual Basic 4 + Oracle DB to Visual Basic 6 + Oracle DB.

Application Engineer | Active Control, Inc. / Victor Equipment | North Dallas, Texas | 1996-1998
- Produced SCADA and data acquisition systems for the power utility and the oil refinery sectors.
- Responsibilities included assembly, test, repair, software development, customer and on-site support.