Swoyen Suwal

Clovelly Park, South Australia, Australia ✉ swoyenrajsinghsuwal@gmail.com ☐ 0424076095 in/swoyen ☁ https://swoyen.com

SUMMARY

An enthusiastic and self-driven software developer with robust technical skills and a passion for problem-solving. Demonstrates significant expertise in software development gained through hands-on internships and professional experience in software-related roles.

SKILLS

Front-End: Angular, ReactJS, Typescript, HTML5/CSS3

Back-End: .NET, Laravel, MySQL, SQL Server

Tools/Languages: Unity, Git, Javascript, Java, C#, Python

EXPERIENCE

Front-End Developer
Surity Pty Ltd   March 2022 - Present, Mount Barker, South Australia
· Created and upheld the user interfaces of various client software projects using Angular.
· Addressed software development problems documented in Surity's Research & Software Development Project Management System.
· Crafted technical documentation related to development and support procedures.

Software Engineering | Research Assistant
University of South Australia   March 2020 - May 2021, Adelaide, Australia
· Created a Virtual Reality Framework for Visualizing Genomic Data in Unity with C#.
· Improved the current system by introducing additional hand-centric interaction methods.
· Investigated established 2D Genomic Data Visualization methods and translated them into a 3D context.

Mixed Reality Developer | Internship
CSIRO Data61   November 2018 - March 2019, Clayton, Victoria
· Developed a Virtual Reality platform for visualizing Genomic Data in Unity through C#.
· Enhanced the pre-existing system by incorporating additional hand-based interaction methods.
· Conducted research into established 2D Genomic Data Visualization techniques and adapted them for 3D visualization.

PROJECTS

Game Store | NextJS
https://nextjs-acquire.vercel.app/shop
· Developed a comprehensive online gaming store website from start to finish using NextJS.
· Managed user authentication and authorization through NextAuth.
· Managed payment transactions via Stripe and sent email confirmations to users.

EDUCATION

Bachelor of Software Engineering with Honours
University of South Australia, Adelaide · South Australia · 2019 · First Class Honours

INVOLVEMENT

Study Support
University of South Australia, Adelaide · Study Help PALS · July 2018 - November 2018
· Offered approachable and casual assistance to students during campus drop-in sessions.
· Directed students toward available university resources.
· Dispensed informational flyers to students about university programs.

Student Mentor
University of South Australia, Adelaide · UniMentor · February 2019 - June 2019
· Offered guidance to incoming UniSA students as a mentor.
· Supported their adjustment to university life through consistent communication.
· Kept them informed with regular updates on university activities and events.