

Swoyen Suwal

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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

Full Stack Software Developer

Surity Pty Ltd

March 2022 - Present, Mount Barker, South Australia

- Develop and manage user interfaces for client software using Angular, and handle backend services with .NET.
- Address software development problems documented in Surity's Research & Software Development Project Management System.
- Craft 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

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.