



# Kevin Chu


## Software Developer

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## About Me

Dynamic software developer with a flair for engineering innovation, always looking to push the envelope in the tech space. From IT services, to full stack development, I've made it my goal to never stand still.

## Tech Stack

### Frontend Development:

- ReactJS
- HTML
- CSS

### Backend Development:

- NodeJS
- JavaScript
- Python
- Java

### Cloud Computing:

- AWS

### Database Management:

- PostgreSQL
- MongoDB

### Version Control:

- Git/GitHub

## Education and Training

### ● Bachelors in Mechatronics Engineering (Honours)

University of New South Wales

Completed in July 2021

### ● Certified System Administrator

ServiceNow

Completed in September 2022

### ● Certified Solutions Architect Associate

Amazon Web Services

Completed in December 2023

## Professional Experience

### Key's eCommerce Store

**Jan 2024 – Present**

#### Software Developer

- Oversee the design, development, and maintenance of an ecommerce website featuring catalog browsing, user authentication and product purchasing
- Optimized user experience using React Router, simplify routing and data fetching
- Implemented RESTful APIs with Express and MongoDB for efficient data management, improving scalability and maintainability
- Enabled a secure payment gateway through the integration of Stripe APIs, resulting in a streamlined checkout process
- Improved security by hashing passwords using Bcrypt, ensuring better protection of sensitive user data
- Deployed to the web using Nginx and AWS EC2, hosted on registered domain via Route53

[Deployment](#) [GitHub](#)

### Wipro Ltd.

**Mar 2022 – Aug 2023**

#### Project Engineer

- Provided first level technical support; handling 40+ support tickets weekly via tickets, calls, and emails from users all over Australia
- Partnered with multiple IT teams to accelerate resolution of complex technical issues, ensuring 95% adherence to SLAs
- Actively contributed to improvement of knowledge base documentation, increasing incident resolution by 20%
- Developed a product management system using Java and SQL, enhancing inventory tracking and improving operational accuracy
- Improved the email campaign process by designing responsive HTML email templates, increasing efficiency of weekly communications with staffing teams
- Implemented test driven development improving code quality and minimizing bugs

## Software Projects

### Generative AI Text Based Game

**Feb 2024 – Present**

React, Node.JS, HTML, CSS, PostgreSQL, ChatGPT

- Developing an immersive AI-driven text-based game using the advanced ChatGPT 3.5 Turbo model.
- Architected prompt engineering strategies to sculpt and refine AI-generated narratives, ensuring engaging player interactions
- Designed RESTful APIs for seamless ChatGPT interactions, enabling efficient data storage and retrieval from an SQL database

### Web Based Portfolio

**Sept 2023 – Oct 2023**

HTML, CSS, JavaScript, GitHub

- Built a personal web portfolio to display personal work experience, accreditations, and achievements
- Designed using JavaScript, HTML, and CSS to create a simple and honest design, deployed on GitHub

[Deployment](#) [GitHub](#)