

Michael Hanzl

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EDUCATION

The University of Texas at Dallas

Graduation: August 2024

Bachelor of Science, Information Technology and Systems

TECHNICAL SKILLS

Programming: Python, JavaScript, HTML, CSS, SQL

Certifications: AWS Certified Cloud Practitioner, *Solutions Architect Associate (In Progress)*

PROFESSIONAL EXPERIENCE

Roma Exotics (Dune Ventures LLC), Dallas, Texas

June 2023 – December 2023

Backend Mobile Developer – Internship

- Architected, maintained, and optimized APIs, ensuring smooth integration between backend and frontend components.
- Contributed to the development of backend services, ensuring their successful integration with the mobile app, resulting in a user-friendly and highly responsive experience.
- Developed a verification system using AWS, leveraging facial recognition technology to significantly enhance user security and streamline the rental process.
- Contributed to the mobile app's UI/UX development, resulting in a visually appealing and user-friendly interface.

ACADEMIC PROJECT EXPERIENCE

Group Project, System Analysis and Design

January 2023 – May 2023

- Collaborated with a small agile team to simulate the System Development Life Cycle (SDLC).
- Utilized object-oriented analysis and design (OOAD) methodology to assess, predict, and prepare detailed models, including use case, class, activity, and sequence diagrams.
- Transformed detailed models into a comprehensive design by standardizing system architecture, hardware and software requirements, database schema, and user interface.
- Achieved practical skills in systems analysis and design, project management, and collaboration.

Self Project, Web Design and Development

January 2022 – May 2022

Electronic Portfolio: <https://michaelhanzl-eportfolio.com/>

- Constructed an electronic portfolio to showcase professional experience, projects, skills, and contact information using HTML, CSS, and JavaScript.
- Integrated AWS services to ensure the website's availability, reliability, and responsiveness across different devices.
- Actively refine the user experience by analyzing potential issues, troubleshooting design flaws, and making necessary adjustments to enhance functionality.
- Utilize GitHub for version control and code hosting, AWS Amplify for deployment and management to ensure accessibility and reliability, and AWS Route 53 for domain registration.

ADDITIONAL INFORMATION

Eligibility: US Citizen, Eligible to work in the US for internships and full time with no restrictions.