

Finn Robles

Generative AI Software Engineer

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SUMMARY

Recent Computer Science graduate with hands-on experience in software development, particularly in generative AI and Natural Language Processing (NLP) projects. Proficient in building modern web applications using React.js and deploying scalable solutions on AWS. Strong analytical and problem-solving skills demonstrated through collaborative projects and the ability to troubleshoot complex technical challenges. Committed to writing clean, maintainable code and implementing best practices in software engineering while contributing to team success. Eager to join a dynamic environment where innovation drives positive change.

EXPERIENCE

Generative AI Developer

University Project 📅 January 2025 - May 2026 📍 Dallas, TX

Developed efficient applications leveraging Python and React in an educational academic setting focused on innovative AI solutions enhancing user experiences. Collaborated effectively in project delivery, managed various aspects of design, implementation, testing, and deployment.

- Developed a generative text application using Python and React, enhancing user interaction through NLP techniques.
- Collaborated with a team of 5 to gather requirements and deliver a responsive web application that increased user engagement.
- Implemented AWS services such as Lambda and S3 for effective data handling and application deployment.
- Conducted code reviews and testing to ensure high quality and adherence to software engineering best practices.
- Created comprehensive documentation for application features and technical processes, improving team knowledge sharing.
- Presented project findings to faculty and peers, receiving positive feedback for innovation and execution.

NLP Solutions Developer

University Project 📅 September 2024 - December 2024 📍 Dallas, TX

Designed and built innovative solutions focusing on Natural Language Processing in a collaborative university project, leading to powerful insights derived from user data. Championed customer-centric development alongside agile methodologies for timely delivery amidst technical challenges.

- Designed and implemented a sentiment analysis tool using NLTK and spaCy, successfully analyzing over 10,000 user reviews.
- Utilized Agile methodologies to manage project timelines and deliverables, ensuring timely completion of project milestones.
- Optimized application performance through testing and debugging, resulting in a notable reduction in error rates.
- Engaged with cross-functional teams to refine project scope and enhance overall user experience.
- Authored a comprehensive report detailing project outcomes and methodologies, contributing to academic research.
- Demonstrated problem-solving capabilities by addressing technical challenges during deployment phases.

LEADERSHIP & AWARDS

- Dean's List, University of Texas at Dallas (2024, 2025)
- First Place, Hackathon for AI Solutions (2025)

EDUCATION

Bachelor's Degree in Computer Science

University of Texas at Dallas 🎓 GPA: 3.8 📅 2026 📍 Dallas, TX

Coursework: Data Structures, Algorithms, Software Engineering, Database Management

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate 📅 2026
- React Development Bootcamp Certificate 📅 2025

TECHNICAL SKILLS

- **Frontend Technologies:** React.js
- **Cloud Services:** AWS Lambda, AWS S3, OpenSearch
- **Programming Languages:** Python, JavaScript
- **NLP Libraries:** NLTK, spaCy
- **Development Methodologies:** Agile, Scrum
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Continuous Integration Tools:** Jenkins, Travis CI

- **Testing Frameworks:** JUnit, Mocha, Jest
- **Documentation Tools:** Markdown, Confluence
- **Analysis Tools:** Jupyter Notebook, Pandas

SKILLS

- Python
- AWS (Lambda, S3, OpenSearch)
- Agile Methodologies
- Unit Testing
- React.js
- Natural Language Processing (NLTK, spaCy)
- CI/CD

PROFESSIONAL AFFILIATIONS

- Member, Computer Science Club at UT Dallas
- Volunteer, Coding Bootcamp for Local High School Students

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST