



AMBER ORRANGE

SOFTWARE ENGINEER



713-252-4759



orangeamber@gmail.com



Rosenberg, TX 77469



[linkedin.com/in/amberorange](https://www.linkedin.com/in/amberorange)

SUMMARY

Motivated and detail-oriented professional, offering a strong foundation in software engineering and programming principles across multiple platforms. Knowledgeable in the full software development lifecycle, from concept through delivery of next-generation applications and customizable solutions. Expert in advanced development methodologies, tools, and processes, contributing to the design and rollout of cutting-edge software applications. Known for excellent troubleshooting skills, demonstrated ability to analyze code and engineer well-researched, cost-effective, and responsive solutions. Equipped with a diverse and promising skill-set and proficient in various platforms, languages, and embedded systems. Strong work ethic and commitment to compliance with regulations and policies.

CORE COMPETENCIES

- Proficient in developing both frontend and backend components of applications
- Skilled in Agile practices, facilitating iterative development and adaptive planning
- Ability to conduct user research/translate insights into intuitive, user-friendly products
- Capable of rapidly building prototypes and MVPs to demonstrate product viability
- Experienced in JavaScript, HTML, CSS, and Python, adaptable to various technologies
- Knowledge in automated unit testing & end-to-end testing, ensuring software reliability
- Competent in designing APIs to facilitate communication between software components
- Skilled in problem-solving and conflict management to ensure smooth workflow
- Outstanding interpersonal skills with strong team spirit and great respect for diversity
- Exceptional organizational & time management skills with sound multitasking abilities

PROFESSIONAL EXPERIENCE

Software Engineer Apprentice | [Pinterest](#)

Mar 2022 – Mar 2023

- Streamlined deployment system with Spinnaker, ensuring safe code changes, focused on Kubernetes maintenance/enhancement.
- Developed React favoriting system, enabling swift navigation to pertinent pipelines for users' convenience.
- Identified and eliminated deprecated code, ensuring codebase efficiency, and contributed to comprehensive documentation.
- Enhanced GraphQL queries by refining schema and implementing pagination/sorting for improved performance.
- Actively contributed to internal documentation creation, documenting features, processes, and best practices for stakeholders.
- Collaborated on maintenance and enhancement of deployment processes, ensuring efficiency and reliability.

Key Accomplishments

- Reduced deployment errors by 20% through optimization efforts, enhancing system reliability and client satisfaction.
- Increased user engagement by 30% with the implementation of the React favoriting system, boosting pipeline utilization.

SKILLS

- Software Development
- Software Engineering Best Practices
- Full Software Development Life Cycle
- Object-Oriented Programming
- Source Control Management
- Test Driven Development
- Front & Back-end Development
- Bug Reporting & Troubleshooting
- Regulatory Compliance
- Project Management
- Agile Methodologies
- Scrum Framework
- Status Tracking Frameworks
- Quality Assurance
- Team Leadership
- Highly Detail-oriented
- Self-motivation & Initiative
- Flexible & Dedicated

TOOLS

- Python
- JavaScript
- React
- Go
- GraphQL

EDUCATION

- **Software Engineering Fellowship - Accelerated software engineering program**
[Hackbright Academy](#)
Apr – July 2021
- **B.A. in Science, Technology, and Society**
[Stanford University – Stanford, CA](#)
2011 – 2015

Software Engineer (Student) | [Hackbright Academy](#)

Apr 2021 – July 2021

Project: Backlog Tracker | <https://backlogtracker.live> | <https://github.com/amberorange/BacklogTracker>

- Utilized RAWG Games Database API and News API to gather, store, and exhibit game data effectively.
- Engineered a relational database and object-oriented backend utilizing SQLAlchemy ORM for seamless functionality.
- Created a game backlog tracker application using PostgreSQL, Python, Flask, and React technologies.
- Ensured smooth retrieval, storage, and presentation of user's game backlog data through comprehensive API integration.
- Collaborated on the development of an application aimed at organizing and managing users' gaming preferences.

Key Accomplishments

- Increased user engagement by 40% through the seamless integration of RAWG Games Database API.
- Achieved a 30% reduction in backend processing time by effectively implementing SQLAlchemy ORM optimizations.

PROFESSIONAL ATHLETE EXPERIENCE

Professional Women's Basketball Player | [Italy, Germany, Israel](#) **Aug 2015 – Nov 2020**

- Meccanica Nova Vigarano (Italy, 2015-2017): Helped transform team dynamics by creating a culture dedicated to hard work & excellence; improved team performance from last place to making the playoffs for the first time.
- Maccabi Raanana (Israel, 2018-2019): led team in scoring, assists, and steals while achieving the highest playoff seeding in the team's history.
- Rutronik Stars Keltern (Germany, 2017-2018; 2019-2020): helped lead team to a 1st place regular season championship as well first ever postseason championship while being named MVP of the German Women's Basketball League

ACTIVITIES

Team Captain, Point Guard | [Stanford University Women's Basketball](#) **2011 – 2015**

- Guided Team to 2 Final Four appearances, 2 Sweet Sixteen appearances, and 3 Pac-12 Championships.
- Recognized as a Three-time 1st Team All Pac-12 Team member.
- Achieved Two-Time Pac-12 All Academic Honorable Mention.
- Selected as a WNBA 2nd Round Draft Pick for the New York Liberty.
- Honored with Associated Press All American Honorable-Mention and WBCA Division I All-American Honorable-Mention.
- Named a John R. Wooden Award Top 20 Senior Basketball Player.
- Recognized on Two-Time Nancy Lieberman Award Watch List for Top Point Guards in the Country.