

# Thomas Halstead

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• Personal Portfolio • Austin, TX

Ambitious software developer with a strong programming foundation and an analytical mindset. Eager to contribute and grow in a dynamic development team, continuously enhancing skills and collaborating with like-minded individuals. Excited to bring new ideas to life in a team setting related to innovative client-centered solutions.

## CORE COMPETENCIES

• Analytical Mindset • Critical Thinking • Leadership • Collaboration • Data-Driven Decision Making  
• Adaptability • Project Management • Innovative Mindset • Communication

## TECHNOLOGIES

• Java • HTML • CSS • JavaScript • Spring Boot • Vue.js • JDBC • Table Design • SQL • PostgreSQL • Agile  
• E/R diagrams • Unit Testing (JUnit) • Integration Testing • Git • IntelliJ • NodeJS • SASS • GitHub

## TECHNICAL EXPERIENCE

### Financial Management CLI

- Created an application to facilitate tracking of expenses, ensuring efficient management and organization of finances
- Integrated AWS Cognito for secure authentication and utilized PicoCLI for seamless command-line interaction

**Tools:** Java, Spring Boot, AWS Cognito, PostgreSQL, PicoCLI, REST APIs, MVC

### Content Aggregation Web Application

- Engineered a personalized content hub that consolidates news & information from various sources, delivering users a centralized & customizable feed
- Implemented efficient data retrieval and filtering mechanisms to ensure relevant, up-to-date content delivery while optimizing performance and user experience

**Tools:** Java, Spring Boot, AWS Cognito, HTML, CSS, JavaScript, REST APIs, PostgreSQL, MVC

## PROFESSIONAL EXPERIENCE

### Reliability Maintenance Engineer

Aug '23 - Present

Amazon | Austin, TX

- Reduced downtime 10% by applying predictive maintenance strategies for Amazon's robotic and conveyance systems
- Developed and implemented comprehensive reports by meticulously analyzing operational workflows, leading to significantly optimized processes and enhanced overall efficiency
- Utilized proprietary analytical software to address robotic and machinery issues, leading to minimized downtime and significant equipment lifetime increase
- Managed robotic drive units and used Amazon's AWS technologies for data-driven process optimization, resulting in a 10% increase with product delivery

### Lead Mechanical Technician

Feb '20 - Jul '23

Talascend | Travel

- Instructed teams of 8+ skilled technicians in the assembly and installation of conveyor and material handling systems
- Employed a collaborative problem-solving approach to tackle technical obstacles, ensuring seamless project progress and timely delivery in challenging circumstances
- Exceeded project deadlines by over 30%, by adeptly managing time and cultivating robust team synergy, and transparent communication channels

## EDUCATION

### Full-stack Bootcamp

Jan '23 - Present

Tech Elevator | Austin, TX

*Full-stack bootcamp designing software systems and solutions with 800+ hours of education and application*

### Udemy Course

Jan '22 - Aug '22

Udemy, Inc.

*Finished a 30+ hour front-end development course, mastering HTML, CSS, and JavaScript with hands-on projects*