Yakob Getu

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Education

The Ohio State University | Cumulative **GPA 3.80**   *Columbus, OH*
Bachelor of Science in Computer Science & Engineering | Concentration: Software Engineering   **Expected May 2027**
Honors/Awards: Amazon Future Engineer Scholar (1 of 400 recipients in U.S), Choose Ohio First Scholar, Dean's List (3x)
Relevant Coursework: Software Development & Design, Data Structures and Algorithms, Algorithm Design and Analysis

Technical Skills

  Languages: **Python**, Java, JavaScript, HTML/CSS, MySQL, LaTeX, SQL, Bash,
  Web Development: React, TypeScript, Next.js, Spring-Boot, Node.js, Express, Tailwind CSS, **MERN** Stack
  DevOps/Cloud: Docker, AWS, Azure
  Other: Git, Vim, SSH, Excel, Linux, APIs, CDK

Work Experience

Software Engineering Intern   *Columbus, OH*
JPMorgan Chase & Co   June 2025 – July 2025
  • Modernized the internal employee directory app with React and TypeScript, refactoring key UI components to cut average page-load time
  • Implemented backend services with **Spring-Boot** and Java, adding REST endpoints for phonebook search and updates
  • Developed JUnit and Jest test suites to achieve >90% line coverage, improving release reliability and team confidence
  • <u>Technical Impact:</u> Cleaner components, predictable **APIs**, and higher test coverage for easier maintenance
  • <u>Business Impact:</u> Quicker employee lookups and fewer help-desk pings, leading to smoother workflows organization-wide

Software Development Engineer Intern   *Seattle, WA*
Amazon - device team   May 2024 – Aug 2024
  • Migrated Amazon's Devices Sales Page to a microservice-based architecture, improving performance by 80%
  • Developed **three** core service packages using **Java** and **AWS**, boosting backend efficiency by 50%
  • Built an independent deployment pipeline, enabling **zero** downtime and improving deployment efficiency
  • Created dashboards and alerting systems, enhancing real-time performance tracking by 25%
  • <u>Technical Impact:</u> Standardized interfaces, runtime flags/fallbacks, and CloudWatch dashboards for safer deploys and faster debugging
  • <u>Business Impact:</u> Stable post-purchase experience on device sales pages, faster experiment cycles, and reduced support escalations

Projects

Insights-Chatbot | MongoDB, Express, React, Node, Tailwind CSS | *November 2024*
JPMorgan Chase Code for Good
  • Built a **MERN** stack web app to streamline **data queries** for entry level clinicians, improving query accuracy by 20%
  • Designed a MongoDB database with mock data for chatbot visuals, enabling dynamic interactions
  • Improved frontend usability with React and Tailwind CSS, improving accessibility and user experience

Event Feed | JavaScript, React, Firebase, Node, HTML/CSS, Bootstrap, Next.js | *August 2024*
Software Engineering Club at The Ohio State University
  • Designed the frontend for a **Next.js** platform enabling **100+ Ohio State students** to discover and join clubs
  • Enhanced an event feed application with dynamic updates, collecting feedback from **10+** users to improve experience
  • Collaborated with a team of **six engineers** in agile sprints, ensuring seamless and efficient development processes
  • Helped students find clubs easier and enabled admins to add/manage events, shaping the roadmap with real feedback

Leadership And Professional Development

CodePath Technical Interview Prep   *Washington, DC*
Career Preparation Fellow   February 2025 – Present
  • Selected for a competitive national course focused on **Python**-based technical interviews, meeting twice weekly for **2-hour** sessions
  • Solve **DSA** problems and complete weekly timed **HackerRank** challenges to sharpen debugging, whiteboarding, and peer review skills

Management Leadership for Tomorrow (MLT)   *Washington, DC*
Career Preparation Fellow   November 2024 – Present
  • Selected from thousands for an **18-month** career prep program led by Deloitte, LinkedIn, and Bloomberg
  • Completed business case studies and projects to strengthen leadership and technical skills

DEV at The Ohio State University   *Columbus, OH*
Project Manager   August 2023 – May 2024
  • **Led** a team of **6 engineers** and designers to develop software solutions for the OSU community, benefiting **360 members**
  • Managed project timelines, delegated tasks, and ensured milestones were met, improving overall project efficiency
  • Facilitated communication between stakeholders and the team to align project goals and deliver solutions that matched user needs