

CLARK PHAN

 clarkphan.dev

 clarkphan

 clark-phan

 hello@clarkphan.dev

SKILLS

Programming: JavaScript, TypeScript, HTML, CSS, Java, Python

Technologies: React.js, Node.js, Next.js, SQL, No-SQL, AWS, Bootstrap, Tailwind CSS, Docker, Netlify, Vercel

Workflow: Git, GitHub, Jira, Bitbucket, CI/CD, Agile Methodologies, Scrum, Kanban, Bash/Zsh

EXPERIENCE

L3Harris Technologies

Software Engineer

July 2020 – Present

- Migrated legacy front-end applications to React.js, reducing technical debt and modernizing the tech stack
- Implemented real-time updates in React app using Web Sockets, enhancing user experience with live data
- Optimized MongoDB queries, significantly improving application performance and response time
- Implemented RESTful API endpoints to streamline data fetching and manipulation
- Utilized Docker to containerize applications, improving deployment efficiency and scalability
- Conducted code reviews and provided mentorship to junior developers
- Actively participated in customer meetings, providing status updates on software enhancements and fixes

Software Engineer Intern

June 2019 – September 2020

- Compiled common backend code into a reusable Node.js utility module
- Built interactive and responsive front-end components using React.js and Redux
- Implemented unit and integration tests utilizing Mochai.js mocks/spies and Chai for assertions
- Attended standup meetings and discussed issues on Atlassian Jira, Bitbucket, and Confluence

RECENT PROJECTS

Start Page

- Built a 'New Tab' start page using Next.js, TypeScript, and TailwindCSS, deployed on Vercel
- Leveraged Open-Meteo and OpenWeather API to display accurate location-based weather information
- Utilized Zustand state management, resulting in simpler, more maintainable code compared to Redux setups

EDUCATION

University of California, San Diego

September 2016 – June 2020

B.S. Mathematics – Computer Science

Coursework: Software Engineering, Design & Analysis of Algorithms, Advanced Data Structures, Object-Oriented Design, Software System Design & Implementation, Web App Performance and Monitoring, Product Marketing & Management, E-Commerce Practicum

Professional Affiliations: Theta Tau

UCSD Extension Coding Boot Camp

November 2017 – February 2018

Certificate in Full-Stack Development (250+ Hours of Web Development Training)

Curriculum: Full Stack JavaScript & Computer Science