

Andrew Dye

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TECHNICAL SKILLS

Front End | JavaScript, React, HTML5, CSS3, Sass, Phaser 3, Tailwind, Auth0, Axios, jQuery, React Router

Back End | Node.js, Express, MongoDB, MySQL, Mongoose, Sequelize, RESTful API Development

Testing/Deployment | Jest, Mocha, Chai, AWS: EC2 / RDS / S3, Firebase, NGINX

Developer Tools | Vim, Git, npm, Nx, Webpack, Babel, Agile Methodology, TDD

SOFTWARE ENGINEERING APPLICATIONS

Full Stack Engineer | Neighborly | [Github Repo Link](#)

2022

A community focused social networking site driven through private, user-administered groups

- Designed the [UI of the website](#), including wireframe chart connecting the components and pages
- Created feed component utilized on every major page through component specific queries
- Created an administration system for users to control user membership and content in groups
- Worked with a team of six engineers utilizing an agile workflow and git best practices

Software Engineer | Atelier | [Github Repo Link](#)

2022

An ecommerce website featuring product overview, related products, q&as and user reviews

- Built a Q&A component using REST API to load, post and dynamically render content
- Worked through agile methodologies to achieve business requirements- rendering posts from a database of hundreds of thousands of items with an initial paint of less than half a second
- Added libraries including Date-FNS, Cloudinary and SASS. Wrote documentation for standard implementation across a team of engineers
- Built an in-house click tracking library to document user's habits across the platform

Software Engineer | Atelier ecommerce data API | [Github Repo Link](#)

2022

A postgresQL database and back end capable of handling 10,000 request per second

- Optimized database queries using pSQL's indexing, reducing search times by 300%
- Removed bottleneck using pSQL aggregate functions, decreasing server response times by 50%
- Deployed server on multiple ec2 instances, distributing requests with an NGINX load balancer
- Built a cache on NGINX server, reducing average response times at 10,000 virtual users to 12ms

PROFESSIONAL EXPERIENCE

Visual Journalist | Winston-Salem Journal

2012-2021

- Produced photos, videos, motion graphics or whatever else was required to visually tell a story
- Worked under deadlines ranging from immediate to monthslong
- Lead teams and projects that produced award winning content and consistently ranked as the leader in page views across the entire staff
- Won multitudes of awards including back to back photographer of the year

Photo Assistant | Sports Illustrated

2008-2012

- Set up lights and cameras for SI photographers at events ranging from cover shoots to national sports finals, and cover events or work as a second shooter for SI photographers

EDUCATION

Hack Reactor | Advanced Fullstack Software Engineering Certificate

2022

University of North Carolina at Chapel Hill | Journalism

2011

- Dean's List, 2008-2011