Ty Atkins

Full-Stack Web Developer

linkedin.com/in/atkinsta
github.com/atkinsta
tyatkins.com

atkinstaa@gmail.com
704-299-8353

About me

Solving problems and learning new skills is my passion. My favorite thing to learn about has always been technology. After years of studying German, Chinese, and French in school, I decided to persue that love and delve into the world of computer languages. My past experience allowed me to rapidly pick up programming and honestly enjoy coding as both a career choice and a hobby. I look forward to being a part of your team and learning even more. I am sure there are problems to be solved and I would love to be there to solve them.

To learn more, please scan the QR code and visit my website.

Skills

Languages
JavaScript
Python
C#

Front-End
HTML / CSS
React.js / JSX
Handlebars (View Engine)
jQuery

Back-End
Node.js
Express.js
MongoDB (Mongoose)
MySQL (Sequelize)
Firebase

Testing
Mocha.js and Chai

Tools and Practices
RESTful API Development
CRUD Operations
Model-View Controllers
Git (Version Control)
Agile and Test Driven Development
User Authentication and Encryption

Projects / Experience

UNCC Code - A student portal for coding bootcamps

On this project, I served as back-end developer in a team of four people. My responsibilities included creating an Express.js server, building API routes to communicate with our MongoDB database, and integrating said routes into the React.js front-end. This involved managing stateful components and retrieving database information to be displayed in real time to the user.

Relevant Skills: Node.js, Express.js, RESTful APIs, React.js, Context API, State Management, and Agile Methodology

Snippet - A "Twitter-esque" website for coders

As lead back-end developer for Snippet, I handled server-side developement, user authentication, and data management. The server was built with Node.js / Express.js and I utilized MySQL databases with Sequelize ORM to handle data. I constructed a robust user authentication method with Passport.js and ensured secure encryption with bcrypt middleware. I also worked closely with the front-end, using Handlebars and Prism.js to format and display data.

Relevant Skills: Handlebars, Node.js, Express.js, Data Structures, SQL Databases, CRUD Operations, ORMs, and User Authentication.

Education

Full Stack Web-Deveopment Bootcamp
UNCC Continuing Education- Coding
Charlotte, NC (May 2018 - August 2018)

Appalachian State University
BSBA - International Business
Boone, NC (August 2013 - December 2017)