

# Aubrey Lynn Bachant

Full Stack Software Engineer

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## Technical Skills

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**Front End** | JavaScript (ES5 and ES6), TypeScript, React, HTML5, CSS3, Sass

**Back End** | Node.js, Express, Python, Sequelize, PostgreSQL, MySQL, MariaDB, MongoDB, REST, AWS (EC2), Firebase

**Developer Tools** | Vim, Git, Bash, npm, Webpack, Babel, Jest, Agile Methodology, Scrum, TDD, BEM, Docker

## Software Engineering Projects

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**Catwalk – Front End Engineer** | React, React-Router, Node.js, Express, AWS EC2, Jest

*Front End web portal for products on an online clothing store*

- Set up an **Express** proxy server to handle authentication in order to keep access to product API more secure
- Built a dynamic **React** interface that allows users to ask and answer questions for each product
- Used **Git** Feature Branch Workflow and **Agile** methodology to coordinate with a remote team of 3 developers

**Atelier Products – Back End Engineer** | Node.js, Express, PostgreSQL, AWS EC2, Jest

*Microservice RESTful API to serve as the backend for product information for a clothing retailer*

- Pooled **PostgreSQL** connections to increase query capabilities from 30 rps to 80 rps to improve scaling
- Extracted, transformed, and loaded over 1 million products from separate CSV files
- Deployed server and database on 2 connected **EC2** instances in order to allow for future scaling

**Bandayd – Full Stack Engineer/Architecture Lead** | React, React-Router, Express, MariaDB

*Full Stack social media site aimed at exploring and interacting with music artists*

- Implemented a **React** component for listing and geolocating music shows
- Served as **Architecture Lead** on a team of six to coordinate technology decisions
- Utilized **React styled components** to coordinate styling with teammates for a cohesive theme on separate widgets

## Professional Experience

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**Junior Software Engineer** | EverySPACE

2021–Present

- Added new reusable **React** components for searching and adding locations for appointment creation
- Added new **API** endpoints for fetching user information
- Increased **Unit**, **Functional**, and **Integration test** coverage by 15%
- Used **Scrum** development to better collaborate with teammates

## Volunteering

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**Code for Boston**

2021–Present

*Grassroots organization of software developers for solving local civic and social challenges*

## Education

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**Hack Reactor** | Advanced Software Engineering Immersive Program

2021