

Prajun Trital

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OBJECTIVE

Aspiring Software Engineer with a deep interest to develop software that exceeds the expectations of clients and customers and drive real business results. I can contribute towards the organizational goals through my analytical skills and knowledge acquired by working on real-life projects. With each new experience, I am eagerly looking forward to expanding my skills.

SKILLS

- **Proficient Languages:** Java, TypeScript, JavaScript, C#, Python, MATLAB, Scheme
- **Frameworks:** Spring Boot, ASP.NET, Node.js, Express.js, React.js, Ember.js Flask
- **Databases:** [PostgreSQL](#), MongoDB, SQL
- **Technologies:** Git, Postman, CI/CD, LogRocket, pgAdmin, Tableplus, Flyway, MongoDB Compass, Firebase, [AWS](#)

WORK EXPERIENCE

Craftable

Farmers Branch, TX

[Full Stack Developer](#)

Feb 2023 – Present

- Developed different features like Recurring Cost, uploading CSV files for Audits, and worked on analytics sales reports
- Extended features like accounting, schedule reports, logbook
- Developed the backend using Spring Boot and frontend using Ember.js
- Integrated Sage50, PeopleSoft accounting platform to streamline billing processes for restaurants and bars, enabling direct synchronization of bills
- Enhanced performance by optimizing queries and minimizing database access for efficient data retrieval
- Resolved bugs related to *OCR (Optical Character Recognition)* process, bill unreconciling in multiple Point of Sale systems, including Toast

Future Capital

Chattanooga, Tn

[Full Stack Developer](#)

Mar 2022 – Feb 2023

- Developed an advisor portal that allows advisors to keep track of their participants' retirement accounts
- Developed the backend using *C#, ASP.NET* and created *REST APIs* to serve data to the front-end application in JSON format; developed the frontend using *React.js* and built reusable React components that were used across multiple pages
- Used Migrations feature in EF core to incrementally update the database schema to keep it in sync with application data model
- Debugged various React.js applications using *LogRocket* which is the Modern Frontend Monitoring and Product Analysis tool
- Maintained, added new features, and fixed different bugs in 11+ projects in various GitHub repositories

ProNvest

Chattanooga, Tn

[Software Engineer](#)

May 2021 – Feb 2023

- Developed features for multiple internal and customer-facing full-stack applications using *Typescript/React* and *C#/.Net*
- Developed Microservices in *C#* to perform different daily tasks like importing and exporting files, sending communication emails and SMS to company's clients using *Azure Logic Apps* which increased the participants' engagement by 9%
- Deployed those *Azure Logic Apps*, in the *azure DevOps* release pipeline by adding tasks to the production stage
- Improved the performance of different *LINQ* queries by tweaking and rethinking the logic
- Debugged and added different features to a legacy *ASP.Net Web Forms* project
- Collaborated with a team of 5 Software Engineers to debug and fix various bugs

RELEVANT PROJECTS

Karooobar

Irving, TX

[Point-of-sale \(POS\)](#)

June 2023 – Present

- Designed and developed a Point-of-Sale system where a user could keep track of inventory in their stock, and see the daily reports of the sales and profit
- Used Spring boot for the backend, SQL for the database and React.js for the frontend
- Developed a checkout page and the payment system where the customer can pay using cash or the QR code.
- Deployed the application on Railway and established continuous Integration and continuous deployment (CI/CD) pipelines from the GitHub

The University of Alabama at Birmingham

[HomeIOT](#)

Birmingham, AL

Aug 2021 – Dec 2021

- Designed a smart home app where a user could control/simulate the functionalities of the house that includes turning on/off the lights and doors
- Estimated the family expenses and was able to decrease their yearly expenses by 11% based on the generated historical data
- Implemented the *Node.js* environment running on an *Express.js* server and *PostgreSQL* for the database
- Collaborated with 6 undergraduates and practiced Agile Project Management approach to organize and manage the project

The University of Alabama at Birmingham

[Ranch Management Software](#)

Birmingham, AL

Aug 2020 – Dec 2020

- Developed a drone enhanced ranch management software that could scan the farm, locate the livestock, and monitor feeding and watering systems
- Improved production capabilities by 9% using the drone to monitor the livestock
- Developed the software using *JavaFx*, *Scene Builder*, and different design patterns like Composite, Visitor, and Adapter
- Collaborated with 4 undergraduates and a client (Mary's Hobby Farm) to gather and refine software requirements

EDUCATION

The University of Alabama at Birmingham (UAB)

Birmingham, AL

Bachelor of Science in Computer Science | Minor Mathematics

Aug 2017 – Dec 2021

- **Recipient of:** Joseph F. Volker International Scholarship (April 2021), Joseph M. Fontana Scholarship (Mar 2019, Mar 2018), UAB Presidential Honor (Dec 2021, May 2021, Dec 2020, May 2020, May 2018), UAB International Scholarship (Aug 2017)
- **GPA:** [3.89/4.0, graduated with Magna Cum Laude](#)
- **Excelled in Courses:** [Advanced Algorithm and Data Structures](#), Object-Oriented Programming, Formal Language and Automata Theory, Assembly Language, Operating System, Software Development, Web Development, Calculus, Linear Algebra