

Branislav Todorovic

Full Stack Software Engineer

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[Portfolio](#) • [LinkedIn](#) • [GitHub](#)

Skills

Languages | Python, JavaScript, HTML, CSS

Libraries and Frameworks | Node.js, React.js, Django, Pandas, Matplotlib, Seaborn, Express.js, jQuery

Database | MongoDB, Mongoose, SQL, PostgreSQL

Other | RESTful Routing, JSON APIs

Projects

Data Analysis and Visualisation Article | Soccer data analysis | [Liverpool VS Man City](#)

APR 2022

Python, pandas, matplotlib, seaborn, Github

- Formulated project idea
- Utilized pandas library for preparing and cleaning the data
- Remodeled the dataset for the ease of use
- Filtered out and modified the dataset to the specific needs of the project
- Visualized the data using matplotlib and seaborn
- Presented the data with the storyline
- Link to github repository here: [Soccer Data](#)

Full stack pet social media app | Pictures sharing app | [FunZoo](#)

APR 2022

React.JS, Django, PostgreSQL, Heroku

- Created a pet pictures sharing app with 2 connected user and post models
- Implemented many to many relationship through likes and unlikes of the posts
- Incorporated Django authorization, customized serializers and views in both models
- Worked with class-based components & states in React
- Link to github repositories here: [Front-end](#) | [Back-end](#)

Full Stack supervisor app | Employee tracking app | [Supervisor](#)

MAR 2022

React.JS (React Bootstrap, Material UI), MongoDB, Express.JS, Bcrypt, Heroku

- Engineered the back-end API for handling data
- Implemented 2 connected models approach
- Used the benefits of states in React for realtime updating
- Engineered “sort by” and “search by” functionalities
- Worked with functional components & hooks in React
- Utilized mobile-first approach in styling
- Link to github repositories here: [Front-end](#) | [Back-end](#)

Full Stack recipe app | Recipe sharing app | [Feastr](#)

MAR 2022

Node.JS, MongoDB, Express.JS, EJS, Bcrypt, Heroku

- Orchestrated a cross-functional-team with split front and back end duties
- Created 2 fully functional and interconnected schemas and models, and RESTful routes for both
- Added bcrypt for enhanced password security
- Implemented passport.js library for easy login with Google
- Spearheaded installment of cloundinary API for easy picture uploads
- Deployed the app via Heroku
- Link to github repository here: [Front-end & Back-end](#)

Professional Experience

Business Owner | Munja Trans Inc | Willowbrook, IL

APR 2015 - JAN 2022

- Developed holistic budget system improvements to reduce annual fuel cost by \$70,000 through analyzing state fuel price differences and IFTA requirements
- Partnered with routers to acquire delivery schedule and communicate delays, arrivals, and/or equipment problems
- Trained and onboarded up to four student drivers annually

Education

Software Engineering Immersive | General Assembly | Remote

FEB 2022 - MAY 2022

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Master's Degree | Faculty of Technical Sciences | Kragujevac, Serbia

OCT 2009 - MAY 2014

Graduated from University of Kragujevac with a Masters Degree in IT Teaching. Co-chaired the Student Parliament as the Vice President in 2011/2012.