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
- Used pandas to prepare and clean the dataset
- 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 cloudinary 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.