Medha Pandey

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EXPERIENCE

Software Developer   Oct. 2017 – Present
Tata Consultancy Services   *Mumbai, IN*
- Developed an application to submit and track VGI requests using React with Redux and NodeJS as backend
- Developed use cases to showcase Blockchain capabilities using React and Blockchain as backend
- Developed an application to manage incident requests at Training Hostels using JSP and SpringBoot and MySQL to store data

Android Developer   June. 2016 – Nov. 2016
CashRich (Internship)   *Mumbai, IN*
- Integrated payment with BSE for One Time Payments and Systematic Investment Plan
- Integrated frameworks for analytics and crash reports
- Documented app defects and tracked it to closure

EDUCATION

Banasthali University   Jaipur, Rajasthan
B.Tech in Information Technology   *2013 – 2017*

PROJECTS

MYVG | *React, Redux, MongoDB, ExpressJS, NodeJS*
- Developed an application to manage requests for Virtual Graphics Resources
- Reduced turnaround time to 40% by automating the whole process and providing user friendly interface and a tracker for requests
- Used React with Redux,Node with ExpressJS, mongoose for MongoDB

BookWorm | *React, MongoDB, ExpressJS, NodeJS, Heroku*
- Developed an Ecommerce application to sell and buy books using NodeJS for serving a REST API, with React as the frontend
- Implemented JWT Authentication, Shopping Cart, Payments via PayPal, Checkout functionalities
- Implemented Admin flow to create, delete, edit products and users
- Implemented functionality to review Product and add Comments
- Used Redux to manage state globally for users, orders and products
- Used MongoDB for persistence and **mongoose as ORM**

Babies Beyond Borders | *Ethereum, NodeJS, Solidity, Truffle*
- Aims to reduce time consumption of Adoption process and increase transparency via Blockchain aided platform
- Designed a smart contract to support Audit trail of the whole process, uses Parent-Child Design to support each adoption process
- Selected among the top 3 teams from India for Draper University Hero Program for the idea
- Used Web3 to perform asynchronous calls to Smart Contract

Money Tracker | *React, MongoDB, ExpressJS, NodeJS*
- Developed an application to track my monthly expenses
- Implemented REST API using NodeJS and MongoDB to store receipts
- Implemented using React Hooks and Context API to manage state and passport.js for OAuth

ACHIEVEMENTS

Work: Best Team Award, ILP Kudos(5-star Rating), 4 Appreciation Certificates
Hackathons: Selected among top 3 from India for Draper University (Society 3.0 - "Babies without Borders"), All India Rank 4 (Artificial Intelligence Track- "Toll Roll") for India Hacks

TECHNICAL SKILLS

Frontend: React with Redux(React Hooks), Redux Thunk, Context API
Backend and Database: Advanced Javascript, ES6, NodeJS with ExpressJS, MongoDB, MySQL
Others: Git, Visual Studio Code, Heroku, Blockchain