Shawan Kr. Mandal

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EDUCATION

Margherita College Margherita, Assam, IN
Bachelor of Science, CS *Aug. 2018 – 2021*

Digboi College Digboi, Assam, IN
Higher Secondary - Science *Aug. 2015 – May 2017*

St. Mary's School Margherita, Assam, IN
High School *Aug. 2002 – May 2015*

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C/C++, C# (.NET), HTML5 & CSS
Frameworks: React.js, Node.js, Express, Flask, NGINX, Bootstrap, Apache Kafka, jQuery
Databases: SQL (My SQL), MongoDB, LowDB
Developer Tools: Git, GitHub Actions, VS Code, Visual Studio, PyCharm, Nano, AWS, DigitalOcean

EXPERIENCE

Software Development Intern Sept 2021 – Present
DeepThought EduTech Ventures Pvt. Ltd. *Hyderabad, Telangana, IN*

- Working as a Back-end focussed Full Stack software developer with MERN stack and other technologies that includes NGINX, Mocha & Chai.js, Smarty, jQuery, Benchpress.js, Apache Kafka & Confluent, DevOps.
- Actively working with the product team for product brainstorming, research and development.
- Worked on data mining and developed some tools using web-scraping libraries like BS4 and selenium in Python which can be used by the marketing teams for gathering data.

Crio Winter of Doing - Stage 1 Jan 2021 – Feb 2021
Crio.do *Bangalore, IN*

- Completed the micro-experiences bytes of Web Development Fundamentals
- Learnt web technologies like Node.js, React, HTML, CSS, JavaScript and etc.
- Worked on a personal portfolio website and deployed front-end and back-end on Netlify and Heroku respectively.

PROJECTS

NotesBucket | *React.js, Node.js, Express, MongoDB* July 2021 – Oct 2021

- Developed a full-stack document/notes writing application that can helps to take notes and store them securely.
- Implemented a REST API endpoints for all the operations like user accounts, profile creation, verification, password reset and etc.
- Every note stored in the database is encrypted and cannot be read by anyone else except the user.
- Implemented JWT Strategy for authentication and every password is hashed and stored for extra security.
- MongoDB is used as a database.

theWords | *Node.js, Express, React, LowDb* July 2021 – Sept 2021

- Developed a full-stack dictionary application that can process user's query and return the results
- Implemented a REST API with Nodejs and React along with Bootstrap for the front-end
- The back-end has a proper functional database, that is managed by Lowdb in order to process results.