Software Engineering - AttainU
GitHub

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PROJECTS

Photo Album	**AttainU**	**May 2019**

Panoramas is an online web application which allows users to create photo albums, upload photos in the albums and share with others.|Project Link|Video Demo|Source Code|

- Designed and implemented the front-end of the application facilitating upload of photos with progress bar using **Ajax** and **jQuery** without page reload.
- Implemented the backend for uploading multiple photos using **Node.js** and **Multer** API which resulted in a **2x faster** upload time of photos.
- Designed and implemented **MongoDB** database schema by reducing the number of collections which resulted in a **2x faster** response time.

Productivity Suite	**AttainU**	**Aug 2019**

CheckList is an online task management web application to schedule and add events and tasks.
Project Link|Video Demo|Source Code|

- Designed and implemented **reusable** React Components, reducing code complexity
- Reduced page load time by **20%** to serve business objectives efficiently by restructuring the code flow.
- Designed and implemented a single source, modular state management for the application, using **Redux**, making the code cleaner and forward compatible.
- Implemented backend with **parse-serve**r for rapid prototyping.

LANGUAGES & TECHNOLOGIES

- MERN Stack - Javascript (ES5 & ES6), MongoDB, Express.js, React.js, Node.js, Java
- Python, PostgreSQL, Heroku & AWS

WORK EXPERIENCE

Internship	**Wheebox**	**Jan 2018 - Jun 2018**

- Encrypted all questions in the database using **AES Algorithm** resulting in better data protection.
- Built a bulk registration form that facilitated registration of users from an excel file.

EDUCATION

Software Engineering	**AttainU**	**Feb 2019 - Present**

- Full-stack web development using MERN stack.
- Planned for and conducted **40+** assignment solution sessions for over **50 students**.

Allahabad	**United College Of Engineering and Management**	**Jul 2013 - Jun 2017**

- B.Tech Computer Science
- Designed and built an Android Application for college to broadcast campus-specific news and events.

EXTRACURRICULAR ACTIVITIES

- Represented the school, as a fast bowler, in the school cricket team. Received **man of the match** awards at the inter-school level.
- Organized cleaning drives, attended by more than **200** students, during college.