Pranit Pawar

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I am a computer science engineer with a strong technical background, good balance of UI and functionality, huge interest in full stack development & security and unlimited curiosity.

PROJECTS

Placement Portal — *API Development*

Modeled the MongoDB database using mongoose. Developed the backend server and API routes using Express, implemented JWT for authorization and querying through the APIs. Also, the first time I used Postman.

Event Management — *Web App*

Developed event management using MEAN stack and explored concepts such as REST API, Async programming, etc. Also added social authorization using Auth0, email verification, experimented with password less login, 2FA and custom rules for role management.

Secure Group Communication Using ECC - R&D *Project*

Researched and developed a functional prototype of elliptical curve cryptography and secret sharing schemes such as Shamir secret sharing.

Phishing Detection and Prevention —Security *Research*

Explored and implemented phishing detection techniques using statistical learning models such as Logistic Regression, SVM, Decision Tree and also RNN models such as LSTM.

EDUCATION

NIIT University, Neemrana, Rajasthan — *B.Tech (Computer Science)*

Batch of 2015-2019

Current CGPA: 7.42   Most Recent SGPA: 8.58

WORK EXPERIENCE

Cognizant, Intern, Security (Data Protection and Privacy)

Jan 2019

Developed VCS integration wrapper using libraries such as JGit and SVNKit. Also developed an online IDE using Monaco editor.

TECHNICAL SKILLS

Proficient in Java, Python, JavaScript, Node.js,

Substantial knowledge of frameworks such as Angular, Vue.js, React.js, and Django

Worked with both SQL (MySQL, PostgreSQL) and NoSQL (MongoDB) databases.

Possess substantial knowledge of networking, Operating Systems, data structures, and algorithms.

AREA OF INTEREST

Web Development

Cyber Security

Machine Learning

SOFT SKILLS

Passionate

Rapid Learner

Feedback Oriented

Self-Motivated

PORTFOLIO

https://ppranitps20.github.io