Shreyas **Shukla**

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Education

Cornell University   *Ithaca, NY*
MASTER'S OF ENGINEERING IN COMPUTER SCIENCE   *Jan. 2022 - Present*
- CS 5150 Software Engineering
- CS 5780 Introduction to Machine Learning

VIT UNIVERSITY, VELLORE   *Vellore, India*
B. TECH IN COMPUTER SCIENCE AND ENGINEERING   *July 2017 - Sep 2021*
- CGPA: 9.29/10

Projects

Review Board   *Jan. 2022 - May. 2022*
LEAD FRONT-END DEVELOPER
- Worked with a team of 8 members to allow user to comment on commit-messages in a code review.
- Proposed 3 different user-interfaces to the client using figma mock-ups and subsequently developed the functionality using BackBone.JS and Django, further tested using Jasmine.JS framework.
- Conducted user study and timely incorporated client-feedback, following a modified waterfall SDLC, resulting in successful deployment in compliance with client's expectation

Recorrido: Dream.Explore.Discover   *Dec. 2020 - Jun. 2021*
CO-INVENTOR
- Invented a cross-platform tour package booking using Node.JS, mongoDB for the backend and data storage.
- Implemented user-interfaces with React-Native making it truely cross-platform resulting in reaching more users.
- Shukla, Shreyas. 2021 Recorrido: Dream; Explore; Discover. *IP Australia 2021106333* filed Aug 21, 2021, and granted Nov 11, 2021

Cores-Paleta   *Mar. 2020 - Jun. 2020*
FULL STACK DEVELOPER
- Developed a client-side rendered color palette app. It uses React.Js as the front-end framework, and for each client data is stored in localStorage browser API.
- While working on this project i learned about ReactJS ecosystem, and various third party libraries like material-ui, chroma.js, react-sortable-hoc, react-transition-group,etc.
- Cores-Paleta also allows its users to create new color palettes, unlike other available color-picking websites.

Encryption using Pseudo-Random Generator   *Jan. 2018 - Mar. 2018*
CO-AUTHOR
- A stream cipher, which uses a method which produces pseudo-random numbers generated from a seed value known beforehand to both sender and receiver of a transmission.

Experience

Encourage Infotech   *Indore, India*
FULL STACK DEVELOPER   *May. 2020 - June. 2020*
- Designed and developed a dashboard to visually represent real-time information of various casino games, which fetches data from a hosted database, where real-time web crawlers input the data.
- Implemented a reactjs-based betting website, which contacts with a php based backend server to provide the user with functionality to place a bet.
- Implemented a Content Management System for the betting website, in order to provide admin and management functionalities for the website manager.

Skills

Programming	Python,Javascript (ES6), NodeJS
Web Frameworks	Express, ReactJS, React-Native
Databases	MongoDB, SQL
Tools	Git, GitHub, Postman, MongoDB Compass,Heroku
Languages	English, Hindi

Achievements

2017	**Merit Scholarship**, I secured overall **6th** rank in Electrical and Electronics Engineering department in the academic year 2017-2018, for which i got a merit scholarship of Rs 1000.	*Vellore, India*
2018	**IJTRA Research Paper**, I co-authored a research paper on "*Symmetric Key Encryption Using A Simple Pseudo-Random Generator To Provide More Secure Communication*" which got published in Vol-6, Issue-2(Mar-Apr 2018) of International Journal of Technical Research and Applications	*Vellore, India*
2018	**DBMS NPTEL Course**, I completed an online course on Data Base Management Systems with a consolidated score of **89 %** , with this score i was able to get an **Elite** rank and was in top **2%** of students all over India.	*Vellore, India*