Himanshu Saini

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CAREER OBJECTIVE

A motivated individual with in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.

EDUCATION

- **JC Bose University of Science and Technology, YMCA** — Faridabad, Haryana
  BTech Computer Engineering; CGPA: 8.7 till 3rd Semester — *November 2020 – July 2024*

- **Kalpana Chawla Vidyapeeth** — Kharkhoda, Haryana
  Class 12th CBSE; Percentage: 94.8% — *2018-2019*

- **Kalpana Chawla Vidyapeeth** — Kharkhoda, Haryana
  Class 10th CBSE; CGPA: 10 — *2016-2017*

EXPERIENCE

- **Unlock Velocity** — Gurugram, Haryana
  Full Stack Web Developer Intern — *Feb 2022 - Jul 2022*
  - **Firebase**: Uploaded data to be displayed on react web application on Firebase's Firestore and called uploaded data and passed into various components of the web application.
  - **React Native**: Worked on a react native project, added components, made UI screens.
  - **Authentication Methods**: Analysed Supertokens, an Open Source User Authentication service, to be used in a project. Provided report on ease of use, both cons and pros in terms of security and implementation.
  - **Amazon AWS**: Learnt about the various services provided by Amazon AWS i.e EC2, EBS, RDS, S3 Buckets and used S3 and EBS in real time to deploy project's frontend and backend respectively.
  - **Flutter UI Screens**: Developed Flutter UI Screens for a project following the designs provided.
  - **Admin Panel in ReactJS**: Developed various react components and User Interface included various forms and data tables for Admin Panel of a project in ReactJS.
  - **Rest APIs**: Developed rest APIs with ExpressJS and PostgreSQL as Database and implemented in Flutter Mobile Application.

- **COSB (An educational startup to list and rate courses across the internet)** — Faridabad, Haryana
  Frontend Developer — *Sep 2022 - Aug 2022*
  - **Frontend**: Designed and developed the whole frontend of cosb.live in nextjs

- **JC Bose University of Science and Technology** — Faridabad, Haryana
  Full Stack Web Developer — *Oct 2022 - Present*
  - **University Website**: Designed and developed the University's website working with team of students

PROJECTS

- **Authentify**: Developed an Authentication Approach without using cellular network for phone number verification without the old concept of OTP as a solution of Smart India Hackathon Problem Statement.

- **E - ID**: Developed a rotating QR Code concept for verification of Students by University's Guard digitally without the need of Physical ID Cards.

- **Red Light Green Light (Squid Game)**: Developed a Motion Detector game based on OpenCV, inspired from the famous TV Series Squid Games that uses mediapipe for Human Pose detection and process various body parts coordinates for detection of motion.

- **Jurassic Park Website**: A responsive ReactJS web application on the theme of a Jurassic Park.

- **Top In Town**: Developed a restaurant billing web app to manage customer's bills, generates invoices and sends them on customer's whatsapp number provided.

- **Angela**: Angela is a Smart personal Whatsapp Assistant (a chatbot) that can take care for your whatsapp messages in your absence made using Dialogflow. Developed a simple API to connect Autoresponder for WA (Android App) with Dialogflow in NodeJS and MongoDB.

- **Elite Room**: A real Time group chat web app made using socket.io and Reactjs. Shows online status and Typing status too with message receiving notification sound as well.

- **Terminal Style Form**: A terminal style registeration form for the Cybersecurity Workshop to give Hacker like feel while registering for event. Inspired from www.whoismrrobot.com

- **Money Flow**: A visualiser of flow of money between bank accounts that take transactions in xlsx format where bank accounts are represented as nodes and links represents the flow of money between two accounts made using GoJS.

- **Knight Courses**: A video course platform to watch videos related to various courses made in nextjs.

- **Bill Mi**: A beautiful invoice manager web app to create and manage customer's invoices with features like 2fa verification, auto detect store location, generate pdfs of invoices, show analytics using graph, interactive dashboard made for the hackathon Ode2Code by Xioami.

- **Leaderboard checker telegram bot**: Created a telegram bot to check the leaderboard for one of the competitions of "Digi Fiesta" organized by "University Computer Center and Digital Affairs Cell" of our college.

PROGRAMMING SKILLS

- **Languages**: Python, Javascript, C / C++, SQL, Java, Dart, Typescript, Kotlin, HTML

- **Technologies**: AWS, ReactJS, NodeJS, NextJs, Flutter, MongoDB, Linux, ExpressJS, React Native, Git/Github, OpenCV, Docker, Web Application Security

- **Data Structures and Algorithms with Java**

- **Operating Systems used**: Windows, MacOS, Kali Linux, Ubuntu, Parrot Security OS

ACHIEVEMENTS

- Grabbed 1st Position in Capture The Flag competition of Tech Aramabh, a hackathon organized by GeeksForGeeks - ACEM at Aravali College of Engineering and Management.

- Grabbed 2nd Position in Responsive Vantage, a web development hackathon organized by GGSIPU.

- Won 3rd Position in Chunnauti - Solutions for SIH22, a University Level Hackathon

- Nominated for Innovation Award for Digital ID Card concept by DSW, JC Bose University of Science and Technology, YMCA

- Participated and completed all the four levels of hacktoberfest 2022. Did 6 open source contributions during the fest.

- Conducted Workshop on Cybersecurity in my University, set up a whole Vulnerable Lab with Docker Containers for Hands On Experience along with a CTF Competition.

- Levelled up to "Hacker" Rank on Hack The Box, a competitive hacking playground for Ethical Hackers.

- Created a Telegram bot to check the leaderboard for one of the competitions of "Digi Fiesta" organized by "University Computer Center and Digital Affairs Cell" of our college.

- Made a "Red Light Green Light" game from the famous TV Series Squid Games as a project for project showcasing on OpenCV on the Induction Program 2021 of our college.

- Helped System Admin of my University in fixing bugs and vulnerabilities in University's website.