Avinash
Sharma

CONTACT

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💻 https://github.com/avi-nas/

EDUCATION

B.Tech, Computer Science & Engineering(Cyber Security)
Dayananda Sagar University
2020 - 2024

Senior Secondary XII , Science
RNS Pre-University College
2018 - 2020
85.5%

10th (SSLC)
St.Clare High School,Bangalore
2018
81.6%

WORK EXPERIENCE

Software Developer Intern (In-office)	April,2023 - Present

Victaman Services Pvt. Ltd. Bengaluru

Victaman is a startup that has provided me with complete freedom to experiment with new ideas in order to develop innovative solutions. The project I'm currently working on is called 'Design My House,' which is an e-commerce app. I, along with another developer, have been continuously developing and updating the app on a daily basis. It is now available on the Play Store: https://play.google.com/store/apps/details?id=com.victaman.designmyhouse.

App Development	feb - march,2023

Aniket malik Envato Author, Software Developer

During my internship, I collaborated with a team to develop a Doctor Consultation app and an E-commerce app. Where I contributed to complete development tasks with production-ready code quality. Developing a given features from scratch, including UI and Business logic In Flutter Framework.

Instructor	Jan - April, 2023

SURE Trust Social Service Inititative

I love to share my knowledge. That helps me learn better. So I started teaching online Data Structures And Algorithms using Java to rural youth to Enhancing the employability. I'm Also teaching Android App development. Guiding and supporting them in building projects.
Here is the course link: https://suretrustforruralyouth.com/courses/127
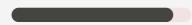
PROJECTS

KhetiGo

Android and IOS app designed to help farmers connect with tractor drivers and other service providers.

The app addresses the problem of availability of farming machines and tractors during peak growing and harvesting seasons. I am developing the app using Flutter, Firebase as the backend and using Google Maps API.
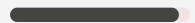
- **Developed the system design** and implementation plan for the app, taking into account the needs and preferences of farmers, tractor drivers, and tool providers.
- **Designed the revenue model** for the app, ensuring that it is sustainable and profitable for all stakeholders.
- Creating a seamless user experience for farmers, tractor drivers and tool providers by including **multi language support**.
- **Integrated Firebase** into the app's backend to securely store and retrieve user data in real-time.
- **Implemented a payment gateway using Razorpay**, allowing farmers and tool providers to securely process transactions within the app.
- **Secured funding for the project** to accelerate market entry and expand reach in the Indian agriculture market.
- **Scheduled the launch of the app for mid-Oct 2023**, anticipating positive feedback from users.
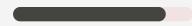- Will provide ongoing support and maintenance for the app, implementing updates and bug fixes as needed.

Ethical Hacking
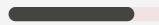
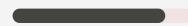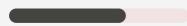**Penetration testing on Enterprise resource planning software(ERP)**

I reported to management of our college serious vulnerabilities like SQL injection in College database,XSS,Insecure direct object references and other vulnerabilities which were present in our college website and ERP. Which were considered and corrected by technical team.

Mokshpat

Unique Snake and ladder game to improve mathematics.

To improve the calculation speed of mind. I implemented calculations in traditional snake and ladder game. Here, Instead of rolling a dice, a mathematic question is given to the player.And the steps are awarded to player by analysing the time consumed by player to solve the give question.

Validate Card Number Offline

Validate Credit Card or Debit Card Number

I made a offline tool that can validate give credit card or debit card number is valid or not. Used python and tkinter for GUI.

COURSE

Programming in Java   Jan- April, 2022

Indian Institute Of Technology Kharagpur NPTEL

I have completed Programming in Java course offered by IIT Kharagpur in NPTEL.
It was an online course.Throughout the course, I had the opportunity to explore the intricacies of Java syntax, data structures, and algorithms, and to apply this knowledge to real-world programming projects.

Blockchain and its Application   Jan- April, 2023

Indian Institute Of Technology Kharagpur NPTEL

I have completed Blockchain and its Application offered by IIT Kharagpur in NPTEL. here is the link to certificate https://internalapp.nptel.ac.in/noc/Ecertificate/?q=NPTEL23CS47S4323051704077353

ROLES AND RESPONSIBILITIES

Technical Head Cysec club

Dayananda Sagar University

- As Technical Head, my focus was on creating opportunities for members to learn and develop their skills in the field of Cyber Security.
- I planned and organised events and workshops that cover a broad range of topics, from basic security concepts to advanced threads hunting techniques.
- With my team, I hosted a 24-hour protothon competition.
- Conducted cyber awareness camps.

DECLARATION

I hereby declare that all the information given above is true and correct to the best of my knowledge.

(AVINASH SHARMA)