Sameeksha Menda

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EDUCATION

Sahyadri College of Engineering and Management	Mangaluru, Karnataka
Bachelor of Engineering in CSE(DS) (CGPA-9.4)	*2022-Present*
St Agnes P.U College	Mangaluru, Karnataka
12th Board - Science, PCMB (91%)	*2020 – 2022*
Sri Ramakrishna School	Mangaluru, Karnataka
High School (10th Grade 94%)	*2011 – 2020*

SKILLS SUMMARY

Languages: Java, Python
Frameworks: React.js, Bootstrap
Developer Tools: Github, VSCode, Figma, MySQL Workbench, MongoDB, Power BI

PROJECTS

KCET Seat Availability System | *JavaScript, Node.js, Express, HTML/CSS*　　　　Ongoing/2024
- Developed an enhanced version of the KCET seat allocation system, allowing students to view real-time seat availability.
- Implemented dynamic seat updates using Node.js and Express, ensuring accurate and up-to-date information.
- Integrated MySQL for efficient data management and seamless retrieval of seat allocation details.
- Designed an intuitive frontend with HTML/CSS, improving user experience and accessibility.

AuthShield - Zero Trust Security System | *Flask, MongoDB, JWT, Google Authenticator*　　　　2024
- Engineered a Zero Trust authentication system featuring manual TOTP-based 2FA.
- Integrated Google Authenticator for OTP generation and secure login using custom QR code provisioning.
- Developed a session-based API scanner simulation to allow users to test APIs within a protected interface.
- Built a role-based admin dashboard with 2FA to view individual users' scanned history securely.

VOLUNTEERING EXPERIENCE

HackHarbour (Conducted by Sahyadri Open Source Community)　　　　September 2024
- Mentored juniors in C programming by teaching foundational concepts and emphasizing industry best practices.

National Service Scheme (NSS)　　　　2024
- Been a active part of Synergia, National Level Tech Fest event as a volunteer
- Took part in the Marathon event of the Tapasya Beach Fest, promoting fitness and community engagement.
- Took an opportunity to volunteer as a BIS member, hosting short informative session about BIS functions,to foster awareness and understanding.

CERTIFICATIONS

- Postman API Fundamentals- Student Expert
- MongoDB Developer's Toolkit Course
- TCE- DevOps Course

LANGUAGES

- English
- Hindi
- Kannada