SAHIL BOMBLE

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Education

Pimpri Chinchwad College Of Engineering	**Dec. 2021 – June 2025**
Bachelor of Technology in Computer Engineering; CGPA: 8.00	*Pune, India*
New English School & Junior College	**June 2019 – Aug. 2021**
Higher Secondary Education; Percentage: 85	*Pune, India*

Projects

CopyRush | *Flutter SDK, Material UI, Firebase, MongoDB, NodeJS | Ongoing*
* Developed a Flutter application for students to upload their study materials, documents, and imagery which is channeled to localised xerox shops using for printing or xeroxing after successful payment
* Implemented Razorpay payment gateway, optimizing payment process for 1000+ daily transactions; achieved 98 precent transaction success rate.
* Implemented a strategic approach leveraging Firebase to fortify cloud storage capabilities, bolster authentication protocols, and ensure data security and integrity; reduced data breaches by 20% and enhanced user trust in the platform.

Askme | *Flutter, Material UI, NeoPop UI, Openai API* | ⦿ Github
* Implemented API integration to create a seamless and engaging conversational experience.

NoteCascade | *Flutter,Firebase ,Material UI, Neonpop UI, lottie animations* | ⦿ Github
* Developed a Full-Stack android application for students to upload their notes and study material on common platform and is accessible to anyone on the platform.
* Programmed the UI using Material UI for android with Hooks,the Backend using Firebase and established a database connection to store the files using a file picker package for dart in flutter etc.
* Implemented the navigation interface using fluro package of pub.dev for multipage navigation.

Achievements

* Achieved **1st Rank** amongst 1000000+ users in National Level monthly ranking in **Capture The Flag** on Tryhackme
* Achieved **1st Runner Up** amongst 20+ teams in Cyber Defenders Inter-College Level **Capture The Flag** in PRAXIS Event 2023 at PCCOE, Pune.
* Achieved **1st Rank** amongst 100+ teams in HackMatrix Inter-College Level **Hackathon** in ARTIMAS Event 2023 at PCCOE, Pune.
* Secured **2nd Runner Up** Position amongst 50+ teams in Bluebit Inter-College Level **Hackathon** in PRAXIS Event 2023 at PCCOE, Pune.
* Attained 5 Star Rating on **HackerRank**.
* Earned **Honorable Mention** with All India Rank 850/2000+ and **5th Rank** in College in **ICPC Amritapuri Preliminary** Round 2023.
* **Solved 250+** questions based on **Data Structures and Algorithms** on various Coding Platforms.

Technical Skills

* **Core :** Data Structures, Algorithms, Object Oriented Programming, Operating Systems, Database Management Systems, Computer Networks , Ethical Hacking
* **Languages :** C, C++, JavaScript, Java, Dart, SQL
* **Lib /Frameworks :** HTML, CSS, Tailwind, React.JS, Node.JS, Express.JS, Flutter, Spring Boot
* **Tools :** Git, NPM, VS Code, Heroku CLI, Nmap, Dirbuster, Metasploit, Hydra
* **Databases :** MYSQL, MongoDB, Firebase,

Volunteering

Security Team Lead at OWASP Inter-college Student Chapter PCCOE June 2022 - August 2023
Responsibilities -
Organised CTF for college students
Pentested college Website for Vulnerabilities

Certificates

* **Data Structures and Algorithms Specialization**: By University of California San Diego,(Coursera).
* **Full Stack Web Development 2022**: By Colt Steele at Udemy.
* **The Advanced Web Developer Bootcamp**: By Colt Steele Udemy.
* **Complete Advanced React**: By Scrimba.
* **Flutter Dart - The Complete Guide** : By Maximilian Schwarzmüller Udemy.
* **Ethical Hacking with Kali linux**: By Hackers Academy at Udemy.