Srinivas M

+91 7000976095 | Email ID | LinkedIn | GitHub | Leetcode | Hackerrank

EDUCATION

Maulana Azad National Institute of Technology   Bhopal, MP, India
Masters of Technology - Advanced Computing, C.S.E   *2020 - 2022*
- CGPA: 8.77

Shri Shankaracharya Group of Institutions   Bhilai, Chhattisgarh, India
Bachelors of Technology - C.S.E   *2014 - 2018*
- CGPA: 8.17

Pragati Vidya Peeth   Gwalior, MP, India
Higher Secondary (Class XII - Science)   *2013 - 2014*
- Percentage: 81.6

Krishna Puclic School   Bhilai, Chhattisgarh, India
Secondary (Class X)   *2011 - 2012*
- Percentage: 81.7

EXPERIENCE

Research and Development Intern   March 2022 – July 2022
Philips Innovation Campus   *Bangalore, India*
- Responsible for development of POC for Identity and Access Management Microservice for Coronary Artery Disease Monitoring Application.
- Spring Framework for developing API endpoints, DynamoDB for storing user identity details and Redis for caching and storing tokens used during authentication and authorization.
- Increased scalability of the application by making it non-blocking using Spring Webflux framework.

Software Engineer   July 2018 – July 2019
Capgemini   *Pune, India*
- Received initial training in Java SE, Oracle database, Linux, JavaScript, Selenium with major focus on Automation QA
- Worked in McDonald's Canada offsite team responsible for automating major functional test cases involving end to end mobile application setup, product redemption, ad campaigns and billing
- Worked on OpenTest Automation framework with 92% test coverage.

PROJECTS

Habit Tracker | ***Technologies used:*** *ExpressJS, MongoDB, EJS, HTML, CSS, Ajax*
- Habit tracker app, where we can define habits and track them on daily and weekly basis.
- Toggle status as done, not done, no action of habits of today along with previous 6 days.
- Special feature of keeping track of longest streak and total days a habit is marked completed.
- GitHub | Live

NodeJS Authentication | ***Technologies used:*** *ExpressJS, MongoDB, Node-Mailer, Redis, HTML, CSS, NotyJS*
- Complete authentication system without middle-ware library that can be used as a starter code for creating any new application.
- This application contains a manual login/signup feature. Forgot/Update your password by generating tokens and sending link to email account.
- Displays notifications on unmatched passwords during sign up incorrect password during sign in.
- GitHub | Live

Placement Cell | ***Technologies used:*** *MongoDB, EJS, JQuery/AJax, Boostrap, Mongoose.js, Express.js*
- A Student Management Backend app that can handle students data, schedule interviews and generate CSV report file.
- GitHub | Live

Hospital API | *Technologies used: NodeJS, Express JS, MongoDB*

- Doctors can log in and each time a patient visits, the doctor will:
  - ∗ Register the patient in the app (using phone number, if the patient already exists, just return the patient info in the API)
  - ∗ After the checkup, create a Report
- List all the reports of a patient oldest to latest, filter by using status of report and authenticating user actions.
- GitHub | Live

iPod Mini | *Technologies used: ReactJS, HTML, CSS, ZingTouch*

- A iPod emulator app for playing music and added controller actions of rotation.
- GitHub | Live

Ping Pong Game | *Technologies used: HTML, CSS, JavaScript*

- A plain game of ping pong using local storage to keep track of scores of user and ball deflection mechanism.
- GitHub | Live

RESEARCH PAPER PUBLICATION

ICAIDS-2022 : Blockchain Smart Contracts using Proxy Re-Encryption for Sharing Students' Credential

CERTIFICATIONS

Data Structures and Algorithms | Java | Front-end | Back-end NodeJS | React | Operating System | Database Management System| Aptitude

COURSEWORK

Advanced Data Structures and Algorithms | Architecture of Large Systems | Distributed Operating System | Cloud Computing | High Performance Computing | Discrete Mathematics | Graph Theory | Statistical Mathematical Foundation | Optimization Techniques

TECHNICAL SKILLS

Languages: C++, Java, JavaScript, SQL, HTML, CSS
Frameworks: ExpressJS, Spring Boot, Selenium
Developer Tools: GitHub, Postman, Chrome Dev Tools
Libraries: Mongoose, Passport, Socket.IO, ReactJS, JQuery, Bootstrap
Applications: Visual Studio Code