Shivpujan Kumar

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR, INDIA
BTech in Civil Engineering
November 2018 to July 2022(7.92 cgp.)

AKANKSHA-40, RANCHI, JHARKHAND
Intermediate (JAC BOARD)

MODEL SCHOOL, BIRNI,GIRIDIH JHARKHAND
High School (Secondary Board - JAC)

SKILLS

Languages
• Java • Javascript • C++ • SQL
• TypeScript • HTML • CSS •DOM
Frameworks
• Express.js • Node.js • BootStrap
• Spring •SpringBoot •Hibernate
Relevant Libraries
• BootStrap • React • Bcrypt
• JSONWebToken •NodeMailer
•Sequelize•Mongoose
Others
• Git and Github • Jenkins CICD
• AWS Cloud• Postman • Linux • OOPS
• MySql • MongoDB •WebSocket

LINKS

Github:// **ShivpujanKr-NITJsr**
LinkedIn:// **shivpujan-kumar-008003198**

COURSEWORK

• Data Structures and Algorithms,
• development of server-side applications using Node.js and the Express.js framework ,spring boot,
• RESTful APIs to enable data exchange between the server and client, ensuring seamless communication and data retrieval,
• dynamic and responsive web applications using HTML, CSS, and the Bootstrap framework,
• integrated the front-end and back-end components, resulting in fully functional web applications that interacted with the server to retrieve and display data,
Real-Time Web Application Development

EXPERIENCE

AEONIX RESEARCH AND INNOVATIONS LLP | MERN Stack/Full Stack Developerr
Dec 2023 - Present | West Bengal,Kolkata
• Developed and improved numerous UI components leveraging ReactJS and MaterialUI library. Managed multiple REST-API endpoints within a service-oriented architecture utilizing Node.js and Express.js.Systematically diagnosed and resolved bugs across both frontend and backend layers of the application.

PROJECTS

GROUP CHAT APP | Repo
Tech-Stack:Node js (express js),Bcrypt ,JSONWebToken,Sendinblue,NodeMailer,MySql,Sequelize,HTML,CSS,Bootstrap,DOM
- Implemented signup, login, authentication, and password encryption using BCRYPT and JWT. Utilized MySQL and Sequelize for database management.
- Implemented admin features with UUID for group joining, user group creation, and WebSocket for real-time chat with activity notifications.
- Improved multimedia sharing via AWS S3 for uploads/storage. Deployed app on AWS EC2, utilizing RDS, NGINX, Jenkins for CI, with nightly chat archiving.

EXPENSE TRACKER APP | Repo
Tech-Stack: Node js express js,Bcrypt ,JSONWebToken,NoSql(MongoDB) ,Mongoose ,CSS,HTML,Bootstrap and DOM,Razorpay api
- Added premium features with login,signup ,authentication and password encryption.
- Used UUID for resetting password and mailing link for resetting password
- Implemented functionality of leaderboardshow for premium user
- Premium user can download txt file of their expenses and can get history of all downloaded expenses
- Integrated razorpay api for buying premium features

SHIRT SHOP ORDER APP (REACT-APP) | Repo
Tech-Stack: React,CSS,HTML
- used Context api and many hooks and react features with html,css.

REGISTRATION FORM | Repo
Tech-Stack: Java(Jsp ,Servlet),Hibernate, Bootstrap, MySql
- Designed and developed a complete backend for a Registration form.

RESTAPIUSINGSPRINGBOOTJPAMYSQL | Repo
Tech-Stack: Java(Jsp ,Servlet).SpringBoot,Hibernate, Bootstrap, MySql
- Created Rest Api Application using spring boot,servlet , jsp ,hibernate .

ACHIEVEMENTS

- State rank 2 (prelims) and 5 (mains) respectively in Akanksha 40 Jharkhand Fellowship Exam 2016
- JCECEB-secured 4th general rank ,Jee advanced qualified in first attempt
- Solved 1000 + DSA problems