

# BHAVANI PENUGONDA

## FULL STACK DEVELOPER



### CONTACT

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- [Bhavani Portfolio](#)

### SKILLS

#### FrontEnd

- HTML, CSS, Javascript
- React, React Native
- Angular
- Bootstrap
- Cloud Computing

#### BackEnd

- Node.js
- Express
- API Development

#### DataBase

- MongoDB
- PostgreSQL

#### Version Control & Tools

- GitHub
- Postman
- Trello
- VSCode



### PROFILE

Web Developer with a background in Automation Testing, specialized in building real-time, user-friendly applications using **Frontend** and **Backend development**. Skilled in debugging, attention to detail, and delivering efficient solutions that align with both user needs and business goals. Passionate about contributing to innovative projects, collaborating in dynamic teams, and continuously growing as a developer.



### WORK EXPERIENCE

#### HCL Technologies Germany GmbH

2018-2019

##### Software Tester

- Designed and developed **automated test scripts** using tools like **Selenium** to improve testing efficiency and coverage.
- Conducted end-to-end, **regression testing** to identify bugs and improved application stability.
- Analyzed test results, logged **defects**, and worked with developers to resolve issues quickly.
- Maintained clear and detailed documentation of test cases, **test results**, and automation processes.



### DEVELOPMENT PROJECTS

#### CareerFoundry Projects

Jun 2024-Present

My Flix | React App | Node.js | Express | MongoDB

- Developed a **full-stack MERN web application** that allows users to explore and **manage movie collections**, create accounts, and personalize their profiles.
- Built a secure **RESTful API** using **Node.js**, **Express**, and **MongoDB**, supporting movie, director, genre, and user data with full CRUD functionality.
- Designed scalable MongoDB schemas using Mongoose for efficient data modeling and retrieval. Integrated a Node.js and Express backend API with the React frontend to enable smooth communication and dynamic data handling.
- Created key **UI views** (Main, Movie, Signup, Login, Profile) using React Router, styled with **React Bootstrap** for **responsive design**. Implemented **Redux** for global state management across components.
- Secured user **authentication** with **JWT** and **bcrypt**, supporting account creation, login, and profile customization.
- Thoroughly tested API endpoints with **Postman**. Deployed backend to **Heroku** and frontend to **Netlify**, with MongoDB Atlas for cloud-hosted database services.

[Check out my code on GitHub](#)

[View Project](#)

Credentials :Username : demouser Password : demopassword

# LANGUAGES

- English (Fluent)
- German (B1)
- Telugu (Native)



## Mobile Chat App | React Native

- Developed a **mobile chat application** using React Native and **Expo**, featuring a real time chat interference with functionality to **send images and share user location**.
- Integrated **Firebase Authentication** for anonymous login and Firestore for real-time chat data with offline access support.
- Designed a customizable **Welcome screen** allowing users to enter their name and **choose a chat background color** before starting conversations.
- enable media and geolocation sharing using **React Native Image Picker, Firebase Cloud Storage, and React Native Geolocation** for enhanced interactivity.
- Utilized React Navigation for intuitive screen transitions and smooth navigation between app views.

**Check out my code on GitHub**



## My Flix | Angular

- Developed the client-side of the **myFlix web application using Angular** that allows users to explore a collection of movies, view movie details, and manage a personal profile.
- **Integrated** with an **existing backend API** to display movies, directors, and genres.
- Implemented **user authentication with registration** and login forms, enabling profile creation and management of favorite movies.
- Designed dynamic **views for movies, directors, and genres** using **Angular Material**, ensuring a responsive and visually consistent UI with smooth navigation across components.
- Deployed the application on **GitHub Pages** to ensure public accessibility and easy sharing of the live demo.

**Check out my code on GitHub**

**View Project**

credentials: demousername1, demopassword1



# EDUCATION

<b>Full-Stack Development Program</b>	2024 - Present
CareerFoundry   Berlin	
<b>Career Break</b>	2019 - Present
Took time off for parental responsibilities, including Pregnancy and raising the child. Currently upskilling through a structured web development program to re-enter workforce with updated technical skills.	
<b>Bachelor of Technology</b>	2011-2015
Swarna Bharathi Institute of Science & Technology India	