Bharath R
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[LinkedIn](#)
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Skills

- **Front-End:** HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Bootstrap, Material-UI, Tailwind
- **Back-End:** Node.js, Express.js, Nest.js, SQL, MongoDB
- **Tools & Technologies:** Git, Docker, AWS, RESTful APIs
- **Soft Skills:** Communication, Team Collaboration

Professional Experience

Full Stack Developer
VVT Solution, Chennai, Tamil Nadu
June 2023 – Present

- Developed and maintained web applications using Next.js for the front-end and Nest.js for the back-end, improving load times by 30%
- Designed and implemented RESTful APIs, increasing data exchange efficiency by 25%
- Create responsive UI components, enhancing user experience and boosting user retention by 15%
- Collaborated with cross-functional teams to gather requirements and refine software features, leading to a 20% improvement in project delivery times.
- Conducted thorough code reviews, providing constructive feedback that increase code quality and consistency by 40%
- Utilized Docker for containerization, ensuring smooth deployment and scalability of applications, reducing deployment issues by 50%
- Managed databases using SQL and MongoDB, optimizing queries to reduce response times by 20%

Projects

1. **College Suggest**
   - **Description:** Platform to assist students in finding the right college with detailed information across 12 sections.
   - **Key Features:** College Overview, Courses and Fees, Placements, Student Strength, Admission and Eligibility, Amenities, Cutoff, Faculty, Reviews, Pictures, Q&A, Contacts.
   - **Technologies Used:** Next.js, Nest.js, MySQL, AI models, RESTful APIs.
   - **Responsibilities:**
     - Designs and implemented the user interface and experience.
     - Develop backend services, handling over 1,000 data requests daily.
     - Created and refined predictive models, increasing the accuracy of the College Predictor tool by 35%
     - Integrated AI APIs for the CollegeSuggest Chatbot.
     - Ensured seamless performance and scalability, supporting a 50% increase in user traffic.
     - Collaborated with cross-functional teams to enhance features based on user feedback.

   Project Link: CollegeSuggest

2. **Contacts Manager App**
   - **Technologies Used:** React JS, Node.js, Express.js, MongoDB
   - **Responsibilities:**
     - Developed the front end with sign-up and login features, increasing user registration by 40%
     - Implements CSV import and delete features, enhancing data management efficiency by 25%
     - Handled GET, POST, and DELETE API requests on the back end, reducing response times by 20%
     - Creates a user and contact models to manage database data.
     - Implement JWT for user authentication and bcrypt for password hashing, improving security

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Education

- **Full-Stack Developer Bootcamp**
  10X Academy

Completed: July 2022
(6-Month Full-time Program concentrated on DS/Algos & Full-Stack Tech)
- **Bachelor of Technology (B.Tech) - Chemical**
Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College
July 2018 – April 2022
Avadi, Chennai
CGPA: 8.11

Certifications

- Full Stack Web Development Certification – Online Course/Institution, Year
- One year experience certificate in VVT Solution