

Vignesh R

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PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on experience in Java, React, Node.js, Express, and PostgreSQL, specializing in building scalable web applications and APIs. Skilled in front-end UI/UX design, backend development, and database management, with exposure to automation (N8N) and machine learning concepts. Adept at collaborating in Agile teams, debugging, and delivering high-quality software solutions. Seeking to contribute technical expertise and problem-solving skills to a dynamic software development team.

TECHNICAL SKILLS

- Programming Languages :** Java, JavaScript (ES6+), HTML5, CSS3, React.js.
- Core CS :** Data Structures, Algorithms, OOPs, Database Management, OS basics.
- Back End Frameworks :** Node.js, Express.js, RESTful APIs.
- Databases :** PostgreSQL, MySQL, MongoDB.
- Libraries & Tools :** Bootstrap, Postman(API Integration), Version Control(Git, GitHub), N8N(Automation), Microservices.
- Cloud:** AWS, Vercel, Docker, CI/CD pipelines.
- Data & ML (Internship Exposure):** Python, NumPy, Pandas.

PROJECTS

• Note Maker

(Virtual Note With CRUD Features, Nov 2024 – Dec 2024)

- Built a full-stack notes application with JWT-based authentication for secure signup/login.
- Implemented CRUD features for managing notes using React, Node.js, Express, PostgreSQL
- Delivered a responsive interface with optimized performance.

• Turf Booking Web-Site

(User Location Accessing Process, Sep 2024 – Oct 2024)

- Developed booking system with location API integration to find nearby turfs.
- Designed CRUD-based user authentication with Node.js, PostgreSQL, REST APIs.
- Enhanced usability by building a user-friendly front end using React & CSS.

WORK EXPERIENCE

• Machine Learning (Intern)

(Machine Learning, Deep Learning, Jun 2025 – Sep 2025)

- Contributed to projects like loan approval predictor and life expectancy analysis.
- Applied Python, NumPy, Pandas to preprocess data and train models.
- Delivered findings in team meetings, ensuring data-driven decision-making.

• Front-End Development (Intern)

(UI, UX Designing, Aug 2024 – Sep 2024)

- Built and deployed interactive projects: calculator, landing page, portfolio site.
- Improved UI/UX with React, CSS, JavaScript, enhancing usability.
- Participated in weekly team meetings and code reviews.

CERTIFICATIONS

- Front-End Development - Codsoft Certification
- Full-Stack Web Development Bootcamp (2025) – Udemy

ACADEMIC DETAILS

B.Sc. Computer Science – RKMVC (2022 – 2025) | CGPA: 7.52