

# Shanty Shabu

Web Developer

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## Professional summary

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Web Developer with 3 years of hands-on experience building scalable, high-performance web applications across a range of industries. Proven ability to deliver both frontend and backend solutions from the ground up, including architecture design, code structure, and deployment. Adept in modern web technologies, with a strong focus on clean, maintainable code and responsive UI/UX.

Recognized for a strong work ethic, attention to detail, and commitment to delivering high-quality, reliable software. Passionate about problem-solving and continuously exploring the latest technologies to stay ahead in the ever-evolving web development landscape.

## Employment history

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### Web Developer, Mar 2024 - Present

*Axonista Ltd., Working from home*

- Spearheaded the development of interactive video shopping experiences for Smart TVs, mobile phones, and tablets, using SvelteKit to create responsive, high-performance applications.
- Deployed apps across platforms including Samsung (Tizen), Vizio, and Comcast, ensuring smooth navigation, video performance, and consistent UI across screen sizes.
- Managed Tizen OS configurations for app packaging, debugging, and deployment on Samsung devices, maintaining stability and compatibility.
- Integrated Conviva to monitor and optimize video streaming performance, analyzing key engagement and playback metrics.
- Implemented Google Analytics for tracking user interactions and conversions, driving data-informed improvements to content and UX.
- Used LaunchDarkly for controlled feature rollouts and A/B testing, improving release safety and experimentation across multiple platforms.
- Led the MVP web development for a white-label sports streaming platform in partnership with Independence Sports Management (ISM), initially designed for MLB's Texas Rangers.
- Developed and integrated a secure Stripe-based subscription and payment system, enabling card management, plan handling, and email automation.
- Designed and built user-centric components for signing up, viewing live games, accessing replays, browsing player stats, and shopping for merchandise optimized for both TVs and mobile devices.

### Software Developer, Jan 2020 - Jan 2022

*RecodeAI Solutions, Muvattupuzha, Kerala, India*

- Designed UI components, coded interfaces, improved UX, boosting user satisfaction.
- Developed backend APIs, implemented prototypes, ensuring seamless app functionality.
- Utilized Node.js, Express, MongoDB, delivering reliable software solutions.
- Debugged code, architected front-end, enhancing app reliability and efficiency.
- Adapted to fast-paced environments, consistently meeting deadlines.
- Proficient with modern JavaScript frameworks, including React.js and its workflows such as Redux and Flux, with a strong emphasis on maintainable and scalable code structures.

## Education

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### MSc. in Data Analytics, Sep 2022 - Sep 2025

*Dublin Business School, Dublin, Ireland*

## **Master's Degree in Computer Application, Apr 2019 - Apr 2021**

*Marian College, Kuttikanam, India*

Graduated with a GPA of 8.1

## **Bachelor's Degree in Computer Application, Mar 2016 - Mar 2019**

*M.C. Varghese College Of Arts And Science, Ettumannoor, Kerala, India*

Graduated with a GPA of 8.6 and ranked top of the class in BCA.

## **Courses**

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### **Front-end fundamentals, Jan 2020**

*Pirple*

### **Excel For Business, May 2019 - Jun 2019**

*Macquarie university*

### **Linux For Beginners, Feb 2019 - Mar 2019**

*IPSR Solutions*

### **Digital Marketing certification**

*Google*

## **Skills**

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JavaScript (ES6+), HTML5, CSS3, React.js, Svelte.js, Typescript, MongoDB, DynamoDB, Firebase, Node.js, Express.js, Git, GitHub, Bitbucket, AWS (EC2, S3), Google Analytics, Conviva, Postman, Agile & Scrum Methodologies, RESTful API.

## **Links**

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LinkedIn: [linkedin.com](https://www.linkedin.com), Medium: [medium.com](https://medium.com), Portfolio: [my-portfolio-smoky-two-44.vercel.app](https://my-portfolio-smoky-two-44.vercel.app).

## **Projects**

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### **News Recommendation System**

Python (Flask) and React.js : The main aim of my system is to help users to filter similar news articles in a personalized way.

### **Job Recruitment Platform**

Developed a full-stack recruitment system using React.js, Node.js, MongoDB, and Three.js, with separate portals for candidates and employers.

- Built intuitive UIs for job seekers and recruiters, including dashboards and application workflows
- Used Three.js to animate 3D recruiter avatars, enhancing engagement and platform identity
- Designed and integrated RESTful APIs and used MongoDB for flexible, scalable data storage

### **Fake News Detection**

Machine learning using python (Flask) : to detect fake and real news I choose naïve bayes algorithm and TFIDF method in this model. Flask is used to deploy the model.

### **Product Rotation**

SvelteKit: Implement a 360-degree rotation of the product video, starting at 0 degrees and ending at 360 degrees, allowing users to explore the product interactively.

## **Publications**

News Recommendation system

<https://medium.com/swlh/news-recommendation-system-a8efde3cb233>

Recommendation System For Daily Life

<https://medium.com/swlh/recommendation-system-for-daily-life-63db634673a1>