VAISHNAV TEELUCK

Junior Software Development Engineer | Full-Stack Engineer | Web & Mobile Development

PERSONAL DETAILS

Email: teeluckvaish@gmail.com | **Mobile:** +27 63 535 5861
Location: Parlock, Durban, South Africa
Date of Birth: 09 December 2001 | **Nationality:** South African
Home Language: English | **Drivers License:** Code 8

EDUCATION

New West Secondary School

Bachelor's Pass - 2019

Durban University of Technology

- **Diploma in ICT: Applications Development (NQF Level 6)** - *Cum Laude* | 2022
- **Advanced Diploma in ICT (NQF Level 7)** | 2023

Star Factory

- **Business Administration (NQF Level 3)** | 2024

CERTIFICATES
- Cisco: **Introduction to Packet Tracer** *(2020)*
- Cisco: **Cybersecurity Essentials** *(2020)*
- Cisco: **Introduction to IoT** *(2020)*
- Cisco: **NDG Linux Unhatched** *(2020)*

BET Software - Hollywood Group:

JUNIOR SOFTWARE DEVELOPMENT ENGINEER

[February 2025 - Present | Durban, South Africa]

Promoted to Junior Software Development Engineer in 2025, taking on expanded responsibilities across full-stack development, mentoring and live system deployment. Actively contribute to modern web solutions and internal tools used across the Hollywood Group.

Key Responsibilities:

• Frontend lead for the Oracle Cloud-based career sites for Hollywoodbets, BET Software, Star Factory and Winning Form - delivered scalable and responsive solutions aligned with brand requirements.
• Co-developed the BET Software internal site, using Next.js, Tailwind CSS, WordPress and Supabase, launched in Q1 2025, providing a streamlined resource for employees and developers.
• Built and implemented frontend components for an in-progress payment portal for a Hollywoodbets entity, focusing on UI responsiveness and secure user interaction flows.
• Engineered a real-time RFID access control system deployed at the Durban July event:
   - Built with JavaScript and Supabase, integrated directly with a Raspberry Pi and turnstile hardware.
   - Enabled real-time tracking of thousands of guest and their partners across venues.
   - Deployed and tested the solution onsite with Hollywoodbets staff and event stakeholders, ensuring fault-tolerant and seamless guest access.

Key Technologies:

JavaScript • React • React Native • Next.js • Tailwind CSS • HTML/CSS • EXPO
Supabase • SQL Server • MongoDB • WordPress • Oracle Fusion Cloud • Sanity

Projects Delivered:

• GallopTV (Next.js)
• HollywoodConnect (Next.js)
• Hollywood Foundation (React Native)
• Hollywood Athletics Club (React Native)
• Cape Racing (WordPress)
• Hollywoodbets SA Blog (WordPress)
• Sporting Post (WordPress)
• BET Software (Next.js)
• Durban July Access Control System, (Custom IoT + Web App)

GRADUATE SOFTWARE ENGINEER TRAINEE

[February 2024 - January 2025 | Durban, South Africa]

Completed a one-year graduate programme focused on full-stack web and mobile application development, DevOps, and content management systems. Gained hands-on experience working across multiple departments, tech stacks, and business-critical platforms.

Key Responsibilities & Achievements:

- Contributed to both frontend (UI) and backend (API & server-side logic) development using Next.js, enhancing key Hollywoodbets platforms.
- Maintained and updated multiple WordPress websites, including content integration and styling enhancements.
- Developed two mobile apps by wrapping existing websites using React Native for Android and iOS, delivering cross-platform access to key content.
- Participated in the development of Oracle Cloud career sites for Hollywoodbets, BET Software, Star Factory, and Winning Form.
- Implemented a Strapi-based CMS, integrating it into team workflows for managing dynamic site content.
    - Used Docker to containerize the CMS for local server deployment.
- Lightly utilized SQL Server to perform queries and manage data for in-house systems.
- Involved in website security and vulnerability remediation, ensuring secure deployments and protecting user data across platforms.

Key Technologies:

JavaScript • React • React Native • Next.js • Tailwind CSS • HTML/CSS • EXPO
Supabase • SQL Server • MongoDB • WordPress • Oracle Fusion Cloud • Sanity

Projects Worked On:

- GallopTV (Next.js)
- HollywoodConnect (Next.js)
- Hollywood Foundation (React Native)
- Hollywood Athletics Club (React Native)
- Cape Racing (WordPress)
- Hollywoodbets SA Blog (WordPress)
- Sporting Post (WordPress)
- BET Software (Next.js)

PASSION FOR THE FIELD

From a young age, I was immersed in technology thanks to my uncles, who were involved in the IT field. They introduced me to key concepts such as Object-Oriented Programming and the Agile software development lifecycle. This early exposure sparked a curiosity in me to understand how things work in the background—beyond what we see on a system's user interface.

My interest quickly expanded beyond software alone. I enjoyed working on old PCs—upgrading hardware, improving performance, and installing software. This blend of software and hardware interest laid a strong foundation for my future in IT.

As I progressed through my academic journey, my passion solidified. I realized that with the right knowledge, **anything can be built**—from systems and automations to full-scale applications. Modules in Software Engineering, Business Intelligence, and Machine Learning resonated strongly with me, and I aim to contribute to each of these sectors as I grow in my career.

PROFESSIONAL SUMMARY

- Completed a Diploma in Information Technology (ICT: Application Development) in November 2022, graduating Cum Laude.
- Completed an Advanced Diploma in ICT (NQF Level 7) in November 2023, with electives in Business Intelligence and Machine Intelligence.
- Successfully completed multiple Cisco Networking courses relevant to modern IT practices.
- Hands-on experience in both web development and mobile application development, forming a core part of my academic and project work.
- Strong understanding of software development principles, system analysis, and design patterns.
- Proficient in a wide range of technologies, including:
  C#, Python, Java, SQL, HTML, CSS, XML.
- Studied and applied knowledge in:
  Cybersecurity, Operating Systems, Networking, Business Fundamentals, Information Systems, Human-Computer Interaction, and IT Project Management.

PROFESSIONAL SKILLS

- Full-stack web and mobile development
- Debugging, software testing & troubleshooting
- Collaboration & agile team work flows
- Strong time management and organisation
- Creative, detail-oriented approach

ADDITIONAL INFORMATION

Music & Cultural Achievements

- **Royal School of Music (ABRSM London)**
    - Grade 3 Certificate in Music Theory
    - Grade 5 Certificate in Double Bass
- **KZN & South African Youth Orchestras**
    - Performed with the KZN Youth Orchestra (2015) and the South African National Youth Orchestra.
    - Collaborated with the KZN Philharmonic Orchestra playing the Tabla (Indian Percussion Instrument)
- **Nawras Musician**
    - Active member of the Nawras School of Music and Dance
    - Participated in national and international music programs
    - Multi-instrumentalist: proficient in tabla, guitar, sitar, percussion, and vocals

Cultural & Spiritual Education

- **Balvikas Graduate**
    - Completed the full 9-year Sathya Sai Spiritual Education Program

REFERENCES

Thashvir Rajcoomar

Intermediate Software Engineer at IKhokha

+27 67 027 0028

Nevash Bhagwandin

Member of Nawras Music Productions - Lead Percussionist

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