

# RESUME

JUNIOR/Programmer



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## Jacob Sylva Dipenge

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## Professional Summary

Motivated and detail-oriented Software Developer with a strong foundation in web development and IT systems. Skilled in building responsive websites, working with front-end and basic back-end technologies, and deploying applications to live servers. Passionate about learning new technologies, solving problems, and delivering user-friendly digital solutions.

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## Education

### Diploma in Computer Engineering

Cape Peninsula University of Technology, South Africa — *Graduated 2023*

Relevant Coursework: Computer Networks, Operating Systems, Database Management, Data Structures & Algorithms, Computer Hardware & Maintenance, Programming in Python and SQL, Systems Analysis & Design

### Full Stack Software Development Certificate

Codeeza — *Graduated 2023*

## 1. Technical Skills

2. WordPress, HTML5, CSS3, JavaScript, PHP, Nextjs, Tailwind, UI/UX
  3. SQL, Python, Postman, IT hardware, Excel, Tech Support
  4. Automation & Process Improvement: Data Cleaning, Dashboard Development, Process Automation
  5. Research & Reporting: Market Analysis, Business Insights, Report Writing
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## Work Experience

- Waiter in Active Sushi (2016-2019)
  - Strong customer service and communication skills
  - Problem-solving and conflict resolution
  - Patience, empathy, and positive attitude
  - Multitasking in fast-paced environments
  - Teamwork and collaboration
  - Time management and attention to detail
  - Ability to handle pressure while maintaining professionalism
  - Sales and upselling experience
- Junior Software Developer Profaster /Media Cape Town, Jan 2023 – Dec 2023
  1. Deployed websites using Netlify and shared hosting services
  2. Designed and developed responsive websites using HTML5, CSS3, and JavaScript
  3. developed automated Excel models
  4. Calculations and financial forecasting.
  5. Supported the enhancement of customer pricing models, reducing errors by
  6. management insights.
  7. Conducted research on electricity market trends to guide pricing strategies.
  8. Created interactive dashboards using Power BI and Tableau for
  9. Automated data management processes, improving data integrity and accessibility

- Junior Software Developer Freelance/IT Support

1. Maintained and updated existing websites based on client requirement
2. Assisted clients with website setup, domain configuration, and basic SEO

- AWS Apprenticeship (2024-2025)

- Cloud Architecture & Deployment (EC2, S3, RDS, VPC, Load Balancing)
- Automation & DevOps (CloudFormation, CI/CD pipelines, Terraform basics)
- Programming & Scripting (C, DB, Java)
- Cloud Security & Compliance (IAM, encryption, monitoring)
- Problem-Solving & Troubleshooting (performance optimization)

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## Projects

1. Fully responsive design for mobile and desktop
2. Deployed a portfolio web application on **AWS EC2** with **S3 for storage, RDS**
3. Food Ordering Web Application
4. Created a personal portfolio showcasing projects and skills and Websites
5. Deployed using GitHub Pages / Netlify

## Additional Information

Strong willingness to learn and adapt to new technologies

Good communication and teamwork skills

Available for internships, junior roles, and freelance projects

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## Reference

- Profaster Media  
Contact Person: Mr Lusimadio S Simao  
Position: Head of Business Intelligence  
Email: simao.ceo@profastermedia.co.za
- Cape Peninsula University of Technology (Research Project)

Contact Person: Mthomasebe Adonis  
Position: Professor and Supervisor  
Email: [adonismt@cput.co.za](mailto:adonismt@cput.co.za)

- AWS(Supervision)  
Contact Person: George Mbuya  
Position: Professor and Supervisor  
Email: georgesmbuya00@gmail.com