Carlos Villalobos

[Your Address] | [Your Phone Number] | [Your Email Address] | [LinkedIn Profile] | [GitHub Profile]

Page 1: Profile & Key Skills

Professional Summary

Results-driven Electronics and Telecommunication Engineer with extensive experience in AI, computer vision, and technical solutions. Adept at developing innovative solutions to complex problems, collaborating across teams, and driving projects from concept to deployment. Strong expertise in AI modeling, REST API development, and cloud integrations.

Key Skills

- **Programming Languages**: Python, JavaScript, HTML/CSS
- **AI and Machine Learning**: Computer vision, data modeling, validation, deployment
- **Cloud Technologies**: AWS S3, Google Cloud, Blackboard Learn SAML Integration
- **Web Monitoring and Logging**: New Relic, Linux commands
- **Database Management**: SQL with PostgreSQL
- **Team Collaboration**: Training, leadership, cross-functional meetings

Technical Expertise

- REST API queries and platform integrations
- Advanced knowledge in electronics and telecommunication systems
- AI specialization with project experience in smart dressing rooms

Core Competencies

- Strong problem-solving and analytical skills
- Leadership in training and development
- End-to-end project management
- Effective communication in technical and non-technical domains

Page 2: Professional Experience

Technical Solutions Engineer

Education Platform | Remote | [Dates]

- Designed and implemented REST API solutions to streamline data flow between systems.
- Delivered exceptional support for SaaS products, improving system performance by 20%.
- Provided training sessions for internal teams on AI and cloud-based tools.

Maintenance Engineer

Oil and Gas Industry | [City, Country] | [Dates]

- Conducted diagnostics and preventive maintenance for advanced telecommunication systems.
- Spearheaded projects to enhance operational efficiency, reducing downtime by 15%.
- Collaborated with cross-disciplinary teams for system upgrades and installations.

Frequency Spectrum Monitoring Specialist

Telecom Regulatory Body | [City, Country] | [Dates]

- Utilized advanced frequency analysis tools to ensure compliance with spectrum allocation.
- Developed automation scripts to increase monitoring accuracy and reporting speed.
- Led weekly briefings with stakeholders on spectrum management strategies.

Page 3: Education, Certifications & Projects

Education

Bachelor of Science in Electronics and Telecommunication Engineering
[Your University Name], [Location] | [Graduation Year]

Certifications

- AWS Certified Solutions Architect – Associate
- Advanced Python for Data Science and AI, [Institution]
- Google Cloud Professional Data Engineer

Key Projects

Smart Dressing Room (AI-Powered Wardrobe Assistant)

- Developed a computer vision model to identify and categorize clothing items.
- Designed a recommendation engine for outfit suggestions using deep learning.
- Delivered the project within the timeline, integrating robust validation and documentation practices.

Gantt Chart for AI Specialization

- Planned and managed milestones: data collection, modeling, testing, and deployment.
- Delivered detailed documentation for reproducibility and transparency.

Blackboard Learn Integration with Auth0

- Configured SAML authentication for enhanced security.
- Automated user onboarding through Google Authentication integration.