

# Prashant Tomar

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## SUMMARY

Software Developer with over 3 years of experience in Python, React, and Node.js, fueled by a seamless shift from 6+ years as a Network Engineer. Thrive on turning complex challenges into user-friendly apps and efficient systems, blending hands-on coding with a deep tech backbone. From automating IT at ODU to building scalable solutions, I'm all about making an impact with code and creativity.

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## TECHNICAL SKILLS

React.js, Node.js, JavaScript  
AWS, PowerShell, HTTP/1.1

Python, Docker, APIs  
DevOps, ServiceNow

Machine Learning, NLP, Git

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## EXPERIENCE

**IT Intern**, SEES, ODU – Norfolk, VA 2024 – Present

- Wrote Python and PowerShell scripts to automate IT workflows, cutting service delays by 20%.
- Managed AWS cloud services and VMs, boosting infrastructure efficiency by 25%.
- Supported 500+ IT resources, resolving 95% of issues and upgrading 200+ devices with zero downtime.

**Graduate Assistant**, SEES, ODU – Norfolk, VA 2023 – 2024

- Resolved IT tickets via ServiceNow, tackling hardware and software issues for quick fixes.
- Trained new hires on support tools, slashing onboarding time by 30%.
- Updated knowledge base with troubleshooting guides, streamlining team processes.

**Graduate Research Assistant**, ITS, ODU – Norfolk, VA 2022 – 2023

- Built a Python pipeline to process 1,000+ Twitter links with ML, speeding analysis by 25%.
- Created a TF-IDF and PageRank system, improving search for 1,000+ pages.
- Scripted URL cleaners with curl and wget, archiving 750+ pages without tracking clutter.

**Network Engineer**, Corporate Infotech Pvt Ltd – New Delhi, India 2015 – 2022

- Led 30 engineers to maintain 99% uptime, optimizing with automation.
- Deployed MPLS routers and DHCP servers for Air India, ensuring reliability.
- Secured networks with AWS VPNs and firewalls.

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## PROJECTS

**Web Server Design** (Python, Docker, Git)

- Coded an HTTP/1.1 server, deployed in Docker, and optimized with load balancing.

**Public Mood Analysis** (Python, NLP)

- Analyzed 70,000+ tweets with NLP to track sentiment during the Sri Lanka crisis.

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## EDUCATION

MS, Computer Science – Old Dominion University, Norfolk, VA

2022 – 2023

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## AWARDS

3rd Place, Hampton Roads Datathon (2022-23) – Built interactive data dashboards.