Vikrant Biswas

http://windlessstorm.github.io

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Education

- **West Bengal University of Technology** — Howrah, WB, India
  Bachelor of Technology in Computer Science and Engineering; CGPA: 6.45/10 — *Aug. 2011 – Sept. 2015*

- **Kendriya Vidyalaya** — Barrackpore, WB, India
  Senior Secondary School (Class 12th); Percentage: 73.40% — *June. 2009 – May. 2010*

- **Kendriya Vidyalaya** — Pathankot, PB, India
  Secondary School (Class 10th); Percentage: 79.80% — *April. 2008 – May. 2009*

Experience

- **Mitel** — Bangalore, India
  Software Engineer — *Aug 2017 - Present*
  - **Qtools**: Fault tolerant python back-end for system health checks and monitoring.

- **Endurance International Group** — Bangalore, India
  Hosting Product Engineer — *Dec 2016 - Aug 2017*
  - **Network/System Reliability**: Pro-actively monitor product/services/site performance, uptime, availability and analyze logs / metrics and recommend/contribute to fixes.

- **iSOKE Technologies** — Bangalore, India
  Software Engineer — *Summer 2016*
  - **Intel DPDK**: Development of framework for leveraging the power of Intel's DPDK toolkit for fast userspace packet processing.
  - **Custom packet generation**: C back-end for generating valid packets and streams for various L2,L3, and L4 networking protocols.
  - **Quagga, Openstack**: Developed auto-scaling large scale network traffic simulator using Quagga for virtual routing and linux namespace isolation, which can simulate any kind of network topology and state.

Projects

- **Meeting assistant**: Resident tray application which integrate Google cloud speech with Exchange and Google calender for managing meetings with ease.
- **Distributed automation server**: Fault tolerant and highly available application for running day to day vital automation scripts and health checks.
- **All Speak**: Translate voice between various languages dynamically in a live environment by leveraging Google cloud speech.
- **Weather Hub**: Simple, lightweight and elegant weather forecast.

Programming Skills

- **Languages**: Python, Javascript, C, SQL, Java
- **Technologies**: Flask, Django, NodeJS, Selenium, GCE
- **Others**: Linux, Wireshark, KVM, VMware ESX