

PARVIN A. SATTOROVA • Front End Software Developer

nanajon66@gmail.com • (303) 550-8945 • [LinkedIn](#) • [GitHub](#)

SKILLS

Web Development & Frameworks: HTML, CSS3, JavaScript, React, React Router, TypeScript, Dreamweaver, Flash, Apollo Client, CI/CD

UI/UX Design & Graphics: Adobe Photoshop, Image Ready, Microsoft Visio

Version Control & Collaboration Tools: Git, GitHub, GitHub Pages

Accessibility & User Experience: A11y

Testing & Quality Assurance: Mocha/Chai, Cypress, ISTQB Certified Tester (CTFL), JIRA, Bugzilla

Operating Systems: Linux, Windows 7, Windows NT, Windows XP

API Interaction & Tools: RESTful APIs, Postman

PROJECTS

[Avicenna Method](#) | Solo Project | 15 hours | [GitHub Repository](#) | [Deployed Link](#)

Tech Stack: JavaScript, HTML5, CSS, Node.js, Git, React, React Router, Cypress, GitHub Projects.

- Crafted a dynamic React app highlighting Avicenna's relaxation techniques.
- Integrated React Router for navigation and employed Cypress for rigorous testing.
- Prioritized mobile-first responsive design for broad device compatibility.

[Refuge - AidConnect/RefugeeAid](#) | Group Project | 30 hours | [GitHub Repository](#) | [Deployed Link](#)

Tech Stack: JavaScript, HTML5, CSS3, Node.js, React, GraphQL, Apollo Client, Cypress, CI/CD, GitHub Pages

- Developed a platform to efficiently connect aid workers and compassionate citizens with refugee camps or organizations, ensuring timely and specific aid.
- Delved deep into GraphQL for effective and adaptable data retrieval and utilized Apollo Client for comprehensive state management.
- Integrated a dynamic real-time feed, an interactive map interface, and educational resources, prioritizing user needs and feedback to drive platform features and design.

[Rancid Tomatillos](#) | Group Project | 25 hours | [GitHub Repository](#) | [Deployed Link](#)

Tech Stack: JavaScript, HTML5, CSS, Node.js, Git, React, React Router, Cypress, GitHub Projects

- Engineered a cinema platform using React, users to browse movies, view details, and trailers.
- Applied advanced JavaScript to introduce dynamic functionalities, enhancing user interactivity.
- Utilized Cypress for automated e2e testing, ensuring reliability across browsers and devices.

[Parks Passport](#) | Group Project | 30 hours | [GitHub Repository](#) | [Deployed Link](#)

Tech Stack: HTML5, CSS, TypeScript, React, React Router, Cypress, GitHub

- Crafted a web app for users to explore and save national parks of interest.
- Self-taught TypeScript, supplementing with tutorials, YouTube, and peer support.
- Ensured a functional, user-friendly experience with a live deployment.

PROFESSIONAL EXPERIENCE

EchoStar Technologies L.L.C., Englewood, Colorado.

System/SW/Test Engineer II (2001 – 2016)

- Led design, deployment, and maintenance of Set-Top Box test systems, performed component-level troubleshooting, and enhanced system functionality.
- Provided satellite test transport streams to teams and defined testing scope, streamlining test operations, and facilitating processes.
- Actively participated in cross-functional teams, drove process improvements, and provided solutions for field issues, significantly enhancing product quality and customer experience.

MSHOW.com, Inc., Highlands Ranch, Colorado.

Senior Content Producer (1999 - 2001)

- Responsible for creating and editing HTML scripts, enhancing website functionality. Streamlined content delivery over the web through appropriate technologies.
- Conducted software testing of MSHOW service offering, improving product performance. Maintained test network environment, ensuring seamless testing operations.

ASSOCIATE PROFESSOR and DIRECTOR OF COMPUTER LABORATORY

Tajik Technical University, Dushanbe, Tajikistan
(1988 – 1996)

- Developed, tested, and documented software applications and engineer solutions using Fortran.
- Provided computer-training programs for the university faculty.

EDUCATION AND RELEVANT CERTIFICATIONS

Turing School of Software and Design, Denver, CO <i>Accredited Fronted Software Engineering Certificate</i>	2023
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George Washington University, Washington D.C. <i>Research Scholar, MBA courses</i>	1998
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Tajik Technical University, Dushanbe, Tajikistan <i>PhD program in Microeconomics, ABD</i> <i>Master of Science in Computer Science</i> <i>Bachelor of Science in Computer Science</i>	1989
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CERTIFICATIONS

ISTQB Certified Tester, Foundation Level (CTFL) - International Software Testing Qualification.

LANGUAGES

Fluent in English, Farsi/Tajik, Pamiri and Russian