

# PARVIN A. SATTOROVA • Front End Software Developer

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## SKILLS

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**Web Development & Frameworks:** HTML, CSS3, JavaScript, React, React Router, TypeScript, Dreamweaver, Flash

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

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

**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

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[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.

[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.

[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.

[FitChicks](#) | Group Project | 27 hours | [GitHub Repository](#) | [Deployed Link](#)

**Tech Stack:** HTML, CSS, JavaScript, Npm, Mocha, Chai, Git, WebPack, Fetch API, GitHub Projects

- Designed an engaging UI to display daily health habits.
- Executed seamless data interactions via network requests and a local server.
- Championed TDD using Mocha & Chai, collaborating closely within a team.

## PROFESSIONAL EXPERIENCE

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### **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

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<b>Turing School of Software and Design, Denver, CO</b> <i>Accredited Fronted Software Engineering Certificate</i>	2023
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<b>George Washington University, Washington D.C.</b> <i>Research Scholar, MBA courses</i>	1998
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<b>Tajik Technical University, Dushanbe, Tajikistan</b> <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

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Fluent in English, Farsi/Tajik, Pamiri and Russian